



Council Chambers
200 H Street
Antioch, CA 94509

Closed Session - 4:30 P.M.
Special Meeting/Study Session - 5:00 P.M.
Regular Meeting - 7:00 P.M.

ANNOTATED AGENDA

for

FEBRUARY 26, 2019

Antioch City Council

SPECIAL AND REGULAR MEETING

Including the Antioch City Council
acting as Housing Successor to the
Antioch Development Agency

Sean Wright, Mayor
Joyann Motts, Mayor Pro Tem
Monica E. Wilson, Council Member
Lamar Thorpe, Council Member
Lori Ogorchock, Council Member

Arne Simonsen, CMC, City Clerk
James D. Davis, City Treasurer

Ron Bernal, City Manager
Derek Cole, Interim City Attorney

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With Project Plans at: <https://www.antiochca.gov/fc/community-development/planning/Project-Pipeline.pdf>

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Notice of Availability of Reports

This agenda is a summary of the actions proposed to be taken by the City Council. For almost every agenda item, materials have been prepared by the City staff for the Council's consideration. These materials include staff reports which explain in detail the item before the Council and the reason for the recommendation. The materials may also include resolutions or ordinances which are proposed to be adopted. Other materials, such as maps and diagrams, may also be included. All of these materials are available at the City Clerk's Office, City Hall, 200 H Street, Antioch, CA 94509, during normal business hours for inspection and (for a fee) copying. Copies are also made available at the Antioch Public Library for inspection. Questions on these materials may be directed to the staff member who prepared them, or to the City Clerk's Office, who will refer you to the appropriate person.

Notice of Opportunity to Address Council

The public has the opportunity to address the Council on each agenda item. To address the Council, fill out a yellow Speaker Request form, available on each side of the entrance doors, and place in the Speaker Card Tray. See the Speakers' Rules on the inside cover of this Agenda. Comments regarding matters not on this Agenda may be addressed during the "Public Comments" section.

4:30 P.M. ROLL CALL – CLOSED SESSIONS – for Council Members – *All Present*

PUBLIC COMMENTS for Closed Sessions – *None*

CLOSED SESSIONS:

- 1) **CONFERENCE WITH LEGAL COUNSEL** – Existing Litigation Pursuant to California Government Code §54956.9(d)(1): Rucks v. City of Antioch et al., United States District Court Case No. 3:16-cv-03742.
Direction provided to City Attorney

5:02 P.M. ROLL CALL – SPECIAL MEETING/STUDY SESSION – for Council Members – *All Present*

PLEDGE OF ALLEGIANCE

STUDY SESSION

- 1. 2019-21 BUDGET DISCUSSION – UNFUNDED LIABILITIES AND STAFFING
Direction provided to staff for “Unfunded Liabilities” with “Staffing” continued to 03/12/19

Recommended Action: It is recommended that the City Council discuss and direct staff regarding the budget information provided.

STAFF REPORT

6:38 P.M. *ADJOURNED SPECIAL MEETING/STUDY SESSION*

7:05 P.M. ROLL CALL – REGULAR MEETING – for City /City Council Members acting as Housing Successor to the Antioch Development Agency – *All Present*

PLEDGE OF ALLEGIANCE

ANNOUNCEMENTS OF CIVIC AND COMMUNITY EVENTS

ANNOUNCEMENTS OF BOARD AND COMMISSION OPENINGS

➤ *POLICE CRIME PREVENTION COMMISSION*

PUBLIC COMMENTS – *Members of the public may comment only on unagendized items. The public may comment on agendized items when they come up on this Agenda.*

CITY COUNCIL COMMITTEE REPORTS

MAYOR’S COMMENTS

PRESENTATION – *BART Update, presented by Maurice “Ric” Rattray*

STAFF REPORT

2. CONSENT CALENDAR for City /City Council Members acting as Housing Successor to the Antioch Development Agency

A. APPROVAL OF COUNCIL MINUTES FOR JANUARY 22, 2019

STAFF REPORT

Approved, 5/0

Recommended Action: It is recommended that the City Council approve the Minutes.

B. APPROVAL OF SPECIAL MEETING/STUDY SESSION MINUTES FOR FEBRUARY 2, 2019

Continued, 5/0

Recommended Action: It is recommended that the City Council continue the Special Meeting/Study Session Minutes to the next meeting.

STAFF REPORT

C. APPROVAL OF COUNCIL MINUTES FOR FEBRUARY 5, 2019

Continued, 5/0

Recommended Action: It is recommended that the City Council continue the Minutes to the next meeting.

STAFF REPORT

D. APPROVAL OF COUNCIL WARRANTS

STAFF REPORT

Approved, 5/0

Recommended Action: It is recommended that the City Council approve the warrants.

E. APPROVAL OF TREASURER’S REPORT FOR JANUARY 2019

STAFF REPORT

Approved, 5/0

Recommended Action: It is recommended that the City Council approve the report.

F. SECOND READING – ORDINANCE REPEALING AND REENACTING CHAPTER 14 OF TITLE 4 OF THE ANTIOCH MUNICIPAL CODE CONCERNING ALARM SYSTEMS (Introduced On 02/05/19)

Ord. No. 2161-C-S adopted, 5/0

Recommended Action: It is recommended that the City Council adopt the Ordinance Repealing and Reenacting Chapter 14 of Title 4 of the Antioch Municipal Code concerning Alarm Systems.

STAFF REPORT

CONSENT CALENDAR for City /City Council Members acting as Housing Successor to the Antioch Development Agency – Continued

G. CUL-DE-SAC TRIM AND CLEAN UP BID AWARD

Reso No. 2019/35 adopted, 5/0

Recommended Action: It is recommended that the City Council adopt a resolution approving the Cul-de-Sac Trim and Clean Up Bid Award, and authorizing the City Manager to execute an agreement with Silva Landscape to provide Cul-de-Sac landscaping services for an amount not to exceed \$382,888 for the period of February 27, 2019 through June 20, 2023.

STAFF REPORT

H. CONSIDERATION OF BIDS FOR THE PREWETT PARK CONCRETE IMPROVEMENTS, PHASE II (P.W. 567-7)

Reso No. 2019/36 adopted, 5/0

Recommended Action: It is recommended that the City Council adopt a resolution:

- 1) Authorizing an amendment increasing the Capital Improvement Budget for the Prewett Park Concrete Improvements, Phase II Project using the General Fund in the amount of \$250,000; and
- 2) Awarding a contract to the lowest responsive and responsible bidder, Mercoza and authorizing the City Manager to execute an agreement in the amount of \$224,700.

STAFF REPORT

I. CONSIDERATION OF BIDS FOR THE WATER PARK LED LIGHTING RETROFIT PROJECT (988-0205-19B)

Reso No. 2019/37 adopted, 5/0

Recommended Action: It is recommended that the City Council adopt a resolution to:

- 1) Authorize the utilization of the Pacific Gas and Electric Company's on bill financing funding mechanism; and
- 2) Amend the fiscal year 2018/2019 Water Park Fund Budget to include revenues of \$58,109 and Expenses of \$58,109; and
- 3) Award the Contract to the lowest, responsive bidder, JB Electric & Construction Inc. in the amount of \$58,109.40; and
- 4) Authorize the City Manager to execute a Local Agency and District Customer On-Bill Financing Loan Agreement with Pacific Gas and Electric Company; and
- 5) Authorize the City Manager to execute an agreement with JB Electric & Construction Inc. in the amount of \$58,109.40.

STAFF REPORT

CONSENT CALENDAR for City /City Council Members acting as Housing Successor to the Antioch Development Agency – Continued

City of Antioch Acting as Housing Successor to the Antioch Development Agency

J. APPROVAL OF HOUSING SUCCESSOR WARRANTS

Approved, 5/0

Recommended Action: It is recommended that the City Council approve the warrants.

STAFF REPORT

PUBLIC HEARING

3. WATER EFFICIENT LANDSCAPE ORDINANCE

To 03/12/19 for adoption, 5/0

Recommended Action: It is recommended that the City Council introduce the Ordinance to amend the Antioch Municipal Code to adopt, by reference, the State of California Department of Water Resources Model Water Efficient Landscape Ordinance.

STAFF REPORT

STAFF REPORT

4. REPEAL AND REPLACE NONCONFORMING USES AND STRUCTURES ORDINANCE (Z-18-10)

To 03/12/19 for adoption, 5/0

Recommended Action: It is recommended that the City Council introduce the ordinance to repeal and replace Title 9, Chapter 5, Article 30 of the City of Antioch Zoning Ordinance.

STAFF REPORT

COUNCIL REGULAR AGENDA

5. CITY COUNCIL TRAVEL

Council motioned to appoint Mayor Pro Tem Motts and Council Member Ogorchock and authorized meeting expenses not to exceed \$2,697 per participant, 5/0

Recommended Action: It is recommended that the City Council discuss and appoint two (2) Council Members for travel to Washington D.C. in the Spring, 2019 to meet with the City of Antioch's government relations firm. It is further recommended that the City Council authorize the associated meeting expenses in an amount not to exceed \$2,697 per participant.

STAFF REPORT

PUBLIC COMMENT

STAFF COMMUNICATIONS

COUNCIL COMMUNICATIONS AND FUTURE AGENDA ITEMS – Council Members report out various activities and any Council Member may place an item for discussion and direction on a future agenda. Timing determined by Mayor and City Manager – no longer than 6 months.

ADJOURNMENT – 8:14 p.m.



STAFF REPORT TO THE CITY COUNCIL

DATE: Special Meeting of February 26, 2019

TO: Honorable Mayor and Members of the City Council

SUBMITTED BY: Dawn Merchant, Finance Director *DM*

REVIEWED BY: Ron Bernal, City Manager

SUBJECT: 2019-21 Budget Discussion – Unfunded Liabilities and Staffing

RECOMMENDED ACTION

It is recommended that the City Council discuss and direct staff regarding the budget information provided.

STRATEGIC PURPOSE

This action falls under Strategic Plan Long Term Goal O: Achieve and maintain financial stability and transparency.

FISCAL IMPACT

Fiscal impacts of any policy direction will be incorporated into the upcoming two-year and future budget cycles.

DISCUSSION

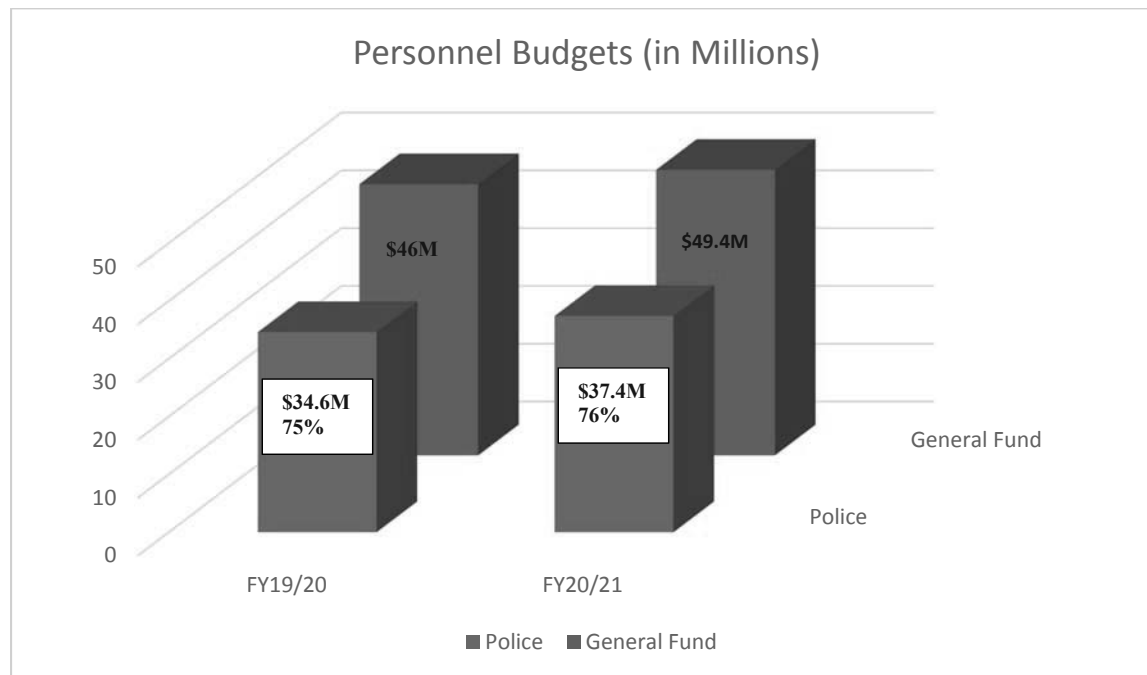
The purpose of this study session is to finish the discussion regarding unfunded liabilities and provide Council detail on departmental staffing requests for the upcoming budget.

UNFUNDED LIABILITIES

On February 5, 2019, a study session was held regarding unfunded liabilities. The intent of the session was to not only provide more information to Council on our unfunded liabilities and the CalPERS pension crisis in general, but to obtain direction regarding what, if any, policy Council wanted implemented for addressing unfunded liabilities in the upcoming budget and forward. This discussion is being continued at this session to get Council direction regarding a policy for unfunded liabilities that will be incorporated into all budgets moving forward. A copy of the staff report provided at the last meeting is attached for reference (Attachment 1).

STAFFING

FY19/20 and 20/21 General Fund personnel budgets have been compiled based on current funded staffing levels and are represented in the chart on the next page:



The following additional positions are being requested by departments. The fiscal impact and justifications are included with each position.

Community Development

1. One (1) full time General Laborer to replace 2 part-time positions in Code Enforcement. The FY19/20 General Fund cost range would be \$88,250 to \$101,690 that would be partially offset by the elimination of part-time General Laborer help at a budgeted cost of \$35,000. During 2018, the Abatement Team cleared 8,060 cubic yards of rubbish, collected 1,904 shopping carts and addressed 1,026 graffiti cases. In late 2018 Council authorized hiring two part-time laborers. The City has not yet been able to hire for a variety of reasons. The additional full time position would significantly increase the capacity of the Abatement Team, allowing for quicker and more comprehensive responses to illegal dumping, homeless encampments, graffiti abatement and other cases.
2. One (1) full time Code Enforcement Officer (CEO) at a FY19/20 General Fund cost range of \$132,146 to \$155,006. This cost would be fully offset by eliminating contract CEO's which is currently budgeted at \$250,000 in FY18/19 and will be included in the upcoming budget if permanent positions are not approved. The additional officer would allow for the implementation of a new system for Code Enforcement, whereby the City would be divided into four generally-equal sections (similar to "beats), which would be assigned to individual CEO's. Each officer would then be tasked with addressing all complaints received in their section and would also provide pro-active code enforcement activities. This type of neighborhood-oriented approach would also allow the CEO to better engage with the communities within in their section and to establish relationships with property and business owners, as well as residents. This position would increase the City's

capacity to address continuing code violations and to address larger issues related to homeless encampments, illegal dumping, blight, and property maintenance.

3. One (1) full time Asst/Assoc/Snr Development Services/Engineering Tech. to replace a part-time position leaving in December at a FY19/20 General Fund cost range of \$123,130 to \$168,632 which would be partially offset by approximately \$24,000 in part-time help that would be budgeted. This position is currently staffed by a part-time position that will be leaving in December 2019 and is directly responsible for coordinating Code Enforcement's cost recovery efforts which include: invoicing, citations, monitoring payments, producing monthly Board of Appeals staff reports, preparing liens, release of liens and recording with Contra Costa County, preparing demands and enrolling accounts with assessor's office, as well as many other tasks. In FY17/18, this position was responsible for billing \$226,000 in citation and abatement costs and enrollment of \$155,804 of fees with the County. Creating a full time position in lieu of part-time will allow increased focused on cost recovery services as well as supplementing the entire Community Development Department through accounting, budgeting, personnel and other similar efforts.
4. Reclassification of two (2) General Laborer positions that comprise the Abatement Team to Street Maintenance Worker I positions at a FY19/20 General Fund cost of \$19,575. The Street Maintenance Worker job classification is more representative of the tasks the Abatement Team actually complete for this critical part of the Code Enforcement program.

Police Department

1. One (1) full time Crime Analyst at a FY19/20 General Fund cost range of \$145,830 to \$171,610. The Police Department currently has one Crime Analyst. The addition of one other would allow for timely crime analysis to more effectively and intelligently provide police services through data. The current Analyst will also be retiring in approximately one year and it will be imperative to get a new Analyst trained by this person.
2. Add up to six additional Community Service Officers (CSO), but two at very least to staff the jail. The FY19/20 General Fund cost range per CSO would be \$117,090 to \$136,300. If two CSO's were approved, they would be utilized as jailers to free up Patrol Officers. If 4-6 were approved, CSO's could be assigned to patrol teams to handle non-emergency priority calls with no suspect information, thus freeing up Officers time to handle emergency calls.
3. Additional Records Technicians (2-3) if more police staffing is approved that would require more support. The FY19/20 General Fund cost range per Technician would be \$99,005 to \$114,710. The Records Technicians are already understaffed with the number of Officers and recordkeeping required. Additionally, with the recent passage of SB1421, more police records are available to the public and more staff is required to handle the volume of work required to process requests.

4. One (1) Office Assistant in Animal Services at a FY19/20 cost range of \$75,818 to \$86,890. Adding an additional position to Animal Services would directly increase the cost of the subsidy provided by the General Fund to Animal Services. The shelter has a high volume of front counter traffic that is more than the one existing position can handle. This has resulted in either excessively long wait times which frustrate potential adopters, or other staffing being tasked to help out which pulls away from their duties.
5. Add three (3) full time Animal Care Attendants (ACAs) to be augmented with four part-time positions instead of just ten part-time. The current system of all part-time ACAs does not provide enough coverage to complete all tasks. Finding long-term part-time help is extremely difficult and the constant turnover results in continual vacancies and the need to retrain new hires. While the three full time will be partially offset by part-time help savings, the additional cost will result in an increased General Fund subsidy to Animal Services. Based on the current part-time salary schedule, the full-time cost range for 3 positions in FY19/20 to the General Fund would be \$186,204 to \$210,618. The part-time positions cost approximately \$150,000 in FY17/18, or an average of \$15,000 each for a cost savings of \$90,000 to offset the full-time positions.
6. Eleven (11) additional Police Officers. The total General Fund personnel costs of the Police Department (sworn and non-sworn) in FY19/20 is \$34,634,150. Adding 11 additional positions would cost approximately \$2,476,000 (assuming a mix of salary ranges and pension tiers, with overtime). This does not include additional costs of bringing the Officer on board such as uniforms, safety materials or vehicles. Staff recommends that Council evaluate the preliminary General Fund budget at the first budget work session before determining the additional sworn staffing level to ensure it is fiscally viable.

Information Systems

1. One (1) full time Computer Technician starting in FY20/21. As the Police Department and most other City departments add personnel throughout FY19/20, in order to support the larger user base, it will be necessary to add a Computer Technician position in fiscal year 20/21. The FY20/21 cost to the Information Services Internal Service Fund would range between \$106,645 to \$123,985. This cost would then be allocated out through the City's Cost Allocation Plan.

Economic Development

1. One (1) Administrative Analyst at a FY19/20 General Fund cost range of \$137,462 to \$191,212. The existing two-member staff of this department is undertaking the development of a city-wide marketing plan. This will require more attention by staff of the media purchases, contract management, and other tasks that will need continuous oversight. The additional position will be able to provide assistance with contract management, business database management, property database management, marketing assistance, social media efforts as well as several other tasks. In conjunction with requesting to increase the total Economic Development budget allocation by \$853,000 over the current year, this will allow Economic Development to implement more programs.

Public Works

1. Freeze Deputy Public Works Director for the next two budget years. This will provide a budget savings of \$245,780 in FY19/20 and \$265,080 in FY20/21 that will help offset the cost of additional staffing requests. Of the total salary, 17.5% (\$43,011 in FY19/20 and \$46,389 in FY20/21) is allocated to the General Fund. The Public Works Director/City Engineer feels that the additional staffing requests and additional structural reorganization changes that are being made will best suit the needs of the department without a Deputy.
2. One (1) Junior/Assistant/Associate or Senior Engineer in Capital Improvement to be funded 50% Water Fund, 25% Gas Tax Fund and 25% General Fund. The FY19/20 cost range would be \$131,490 to \$198,210. There is a significant backlog of deferred maintenance projects and capital improvement projects, and any additional work load will require additional resources to deliver any such projects. An additional engineering position would also provide much needed succession planning and training opportunities.
3. One (1) Administrative Assistant at the Marina with a FY19/20 Marina Fund cost range of \$90,850 to \$112,945. This position will oversee the marina office, provide customer service, facility access, and basic management of the marina including collection of fees. James Pflueger provided these services before he assumed the duties of managing Facilities and Fleet. A temporary Admin Assistant is currently performing these duties; however, the position should be a permanent full time City employee, and the Admin Assistant is the most cost effective classification to support the Marina Manager.
4. One (1) Administrative Assistant in Public Works Administrations division to be paid out of the Water and Sewer funds at a FY19/20 cost range of \$90,850 to \$112,945. We are restricted by the CalPERS 1,000-hour limit per fiscal year, when hiring part-time. It is a challenge to invest in and train part-time employees, who leave for better opportunities, or who must be released due to the proximity to the 1,000-hour rule. Training part-time employees to adequately serve the needs of the public is time-sensitive. As services to the public increase due to public access to a web-based reporting platform (SCF), and as we conduct more business in-house, i.e.: contracts management, timesheet entries, decentralized purchasing processes, etc., a full-time position is needed. To provide knowledgeable staff and reliable customer service and information to the public, retention is key.
5. One (1) Landscape Maintenance Worker in the Streets division to be funded 50% Gas Tax and 50% General Fund at a FY19/20 cost range of \$105,280 to \$131,640. The City's landscape irrigation system is need of significant repair. Sprinklers valves are sticking open, mains and laterals are broken, and ordinary inspections do not occur. Existing City crews must perform a number of scheduled duties such as coordinating/working with contractors, weed control, trimming, and overseeing WAP (now 7 days a week). The deferred maintenance on our irrigations systems is becoming a critical issue and the public sees too much water being wasted, and too much dead landscaping in our medians and planter areas. If staff catches up with the addition of a Lead Worker, we will not fill this position, but it is very unlikely that that will occur given the amount of deferred maintenance

6. One (1) Water Treatment Maintenance Worker to be funded by the Water fund at a FY19/20 cost range of \$117,415 to \$167,115. With the expansion of the water plant in 2007, maintenance tasks have greatly increased. With the planned addition of a RO plant and our current disinfection conversion, additional staff is needed to address deferred maintenance and on-going maintenance. Staff needs the ability and capacity to set up a proactive maintenance program to ensure all mechanical, electrical, pneumatic and hydraulic operations are working in order. Staff should be focusing on opportunities to provide preventive maintenance rather than struggling with deferred and on-going maintenance.
7. One (1) Facility Maintenance Worker to be funded 50% General Fund and 50% Marina Fund with a FY19/20 cost range of \$105,280 to \$131,640. Staff continue to have difficulties catching up to the deferred maintenance as well as the on-going maintenance, while responding to service requests. The Lead Maintenance Workers spend a considerable amount of time working on contracts and not doing maintenance. The Marina operations have experienced more usage and revenues, and with seventy percent occupancy, additional maintenance is needed. To be responsive and do more preventative maintenance, an additional staff member is needed to perform facility and marina maintenance work. The Marina is a seven-day operation and staffing is needed to provide coverage for vacations and holidays. Other City departments are also asking for more facility maintenance services, taking away from ordinary maintenance. When maintenance is deferred, repairs costs are much greater than preventative maintenance costs.

Recreation

1. Reclassify the four Recreation Specialists to Recreation Supervisors at a cost of \$26,190. Currently, there is no mid-management supervisory positions within Recreation that can fill in for the Director and therefore all employees report directly to the Director. Reclassifying the positions will provide an effective chain of command with supervisory capacity in the Director's absence. Although this will be paid for out of the Recreation Fund, it will result in an increased General Fund subsidy.
2. One (1) full time Office Assistant at the Community Center at a FY19/20 cost range of \$75,818 to \$86,890. Temporary staffing would be reduced and replaced with a full-time position to provide consistent customer service with longer counter hours since currently handled by temporary staff. Although this will be paid for out of the Recreation Fund, it will result in an increased General Fund subsidy.

City Manager

1. Freeze Assistant City Manager position due to other significant needs in other departments. This would then be reconsidered to reinstate in the FY21/23 budget for succession planning. The budget savings to the General Fund would be \$371,982.
2. One (1) Assistant to the City Manager and/or one (1) PIO Communications Officer. The total General Fund cost ranges between \$188,350 to \$223,075 for the Assistant position. There is not currently a job classification or salary for a PIO, so

we have assumed the same cost range as an analyst position for purposes of this report which would be \$137,462 to \$191,212. If an Assistant to the City Manager were approved, this position could be assigned special projects and relieve some burden off the City Manager as well as the Administrative Services Director that currently handles many special projects for the City Manager. If a PIO were approved, the City would be able to have a dedicated position for City messaging, information and social media among other duties.

Human Resources

1. One (1) Human Resources (HR) Technician at a General Fund FY19/20 cost range of \$127,882 to \$149,645. The department currently consists of two HR Technicians, one HR Analyst and one Administrative Services Director. The Technicians are mainly responsible for recruiting, onboarding, maintenance of salary schedules, open enrollment, accounts payable, etc. The Analyst focuses on workers' comp, leaves, open enrollment, exit paperwork, safety, etc. The HR Department workload has increased significantly with Affordable Care Act requirements, Sexual Harassment/Ethic Requirements, and duties handled between payroll and HR. The City can have well over 600 full time and part time employees during peak Recreation season, and an additional position would aid in balancing all duties timely and effectively for the City.
2. One (1) Risk Manager that would be a new classification salary schedule for the City. The estimated FY19/20 cost would be \$181,992 to \$215,476 which would be allocated to each department's payroll as a workers compensation cost. This position would be responsible for overseeing and coordinating the City's worker's compensation, liability, safety and employee benefits programs (benefits administration, retirement liaison, employee assistance program, wellness programs, employee recognition programs) and working with the City's departments in the areas of injury illness and prevention programs, workers compensation, return to work program, and industrial disability requirements.

Finance

1. One (1) Accountant to handle increasing work demands at a General Fund FY19/20 cost range of \$131,195 to \$153,860; this cost would be partially allocated to other funds of the City through the Cost Allocation Plan. The City currently has two accountants that handle all financial transaction recording/accounting of the City. Duties also include creating purchase orders, and reviewing all warrants submitted by departments daily. The City processes over \$125M of revenues and expenditures City-Wide annually. The volume of transactions has increased significantly over the past several years as the City has bounced back from the recession and the workload often time exceeds the capacity of the two positions that often time has to be backfilled by the Finance Director, Deputy Finance Director and Finance Services Supervisor. The position is key to maintaining financial compliance, accuracy and integrity.
2. Creation of Payroll Specialist II job classification within City's salary schedule to allow for merit increase opportunity of existing Payroll Specialist position. The City only has one payroll position that handles the entire payroll for over 600 full and part time positions. Adding the classification to the positions will not add an

additional position to be funded, only a promotional opportunity. Many of the City's position offer a I/II/III range in the salary schedule, with 10% differentiating between the levels. A salary schedule would need to be brought back for formal Council approval via resolution to establish.

A summary table of the positions by department follows on the next page with FY19/20 costs:

Department/ Position Request	FY19/20	FY19/20	FY19/20	FY19/20
	Bottom Range General Fund	Bottom Range Other Funds	Top Range General Fund	Top Range Other Funds
	Amount	Amount	Amount	Amount
Community Development				
General Laborer	\$ 88,250	\$ -	\$ 101,690	\$ -
PTH Savings	(35,000)		(35,000)	
Code Enforcement Officer	132,146		155,006	
Contract Officer Savings	(250,000)		(250,000)	
Reclassify General Laborers	19,575		19,575	
Development Services Tech	123,130		168,632	
PTH Savings	(24,000)		(24,000)	
Total Community Dev.	\$ 54,101	\$ -	\$ 135,903	\$ -
Police				
Crime Analyst	\$ 145,830		\$ 171,610	
CSO's (2)	234,180		272,600	
Records Technician (2)	198,010		229,420	
Office Assistant	75,818		86,890	
Animal Care Attendants (3)	186,204		210,618	
PTH Savings	(90,000)		(90,000)	
Police Officers (11)	2,476,000		2,476,000	
Total Police	\$ 3,226,042	\$ -	\$ 3,357,138	\$ -
Information Systems				
Computer Technician	\$ -	\$ 106,645	\$ -	\$ 123,985
Economic Development				
Administrative Analyst	\$ 137,462	\$ -	\$ 191,212	\$ -
Public Works				
Engineer	\$ 32,873	\$ 98,618	\$ 49,553	\$ 148,658
Administrative Assistant (2)	-	181,700	-	225,890
Landscape Maintenance Wkr	52,640	52,640	65,820	65,820
Water Treatment Maint. Wkr.	-	117,415	-	167,115
Facility Maintenance Wkr.	52,640	52,640	65,820	65,820
Freeze Deputy Director	(43,011)	(202,769)	(43,011)	(202,769)
Total Public Works	\$ 95,142	\$ 300,244	\$ 138,182	\$ 470,534
Recreation				
Reclassify Specialists	\$ 26,190	\$ -	\$ 26,190	\$ -
Office Assistant	75,818	-	86,890	-
Total Recreation	\$ 102,008	\$ -	\$ 113,080	\$ -
City Manager				
Asst. to City Manager	\$ 188,350	\$ -	\$ 223,075	\$ -
PIO	137,462	-	191,212	-
Freeze Asst. City Manager	(371,982)	-	(371,982)	-
Total City Manager	\$ (46,170)	\$ -	\$ 42,305	\$ -
Human Resources				
HR Technician	\$ 127,882	\$ -	\$ 149,645	\$ -
Risk Manager	-	181,992	-	215,476
Total Human Resources	\$ 127,882	\$ 181,992	\$ 149,645	\$ 215,476
Finance				
Accountant	\$ 131,195	-	\$ 153,860	-
Total of All Positions	\$ 3,827,662	\$ 588,881	\$ 4,281,325	\$ 809,995

Payroll Assumption Used in Budget

The following payroll assumptions are being incorporated into the FY19/20 and FY20/21 budget based on the bargaining agreements and CalPERS provided contribution rates:

Salary increases in budget (per MOU's):

Bargaining Unit	Effective First Full Payperiod After:	FY19/20 Increase	FY20/21 Increase
Management	10/1	2%	3%
Confidential	10/1	2%	3%
APOA	9/1	2.5%(a)	3%(a)
AP SMA	9/1	2.5%(a)	3%(a)
APWEA	4/1	2.75%	3%
OE3	10/1	2%	3%
TPEA	1/1	3%	3%(b)

(a) Per the APOA & APSMA MOU, sworn employee salary increase will be minimum 2.5% up to maximum 4.5% to bring salary to second in four-city formula and non-sworn will be minimum of 2.5% up to maximum 4.5% based on CPI. 2.5% and 3% being used in budget projections, but actuals could be higher once calculated.

(b) The TPEA contract expires before FY20/21. 3% used as assumption to match other employee groups.

FY19/20 pension contributions rates:

Plan	Total Rate	Normal Cost Rate	Unfunded Liability Rate	Unfunded Liability Payment as Dollar Figure
Miscellaneous	37.433%	12.068%	25.365%	\$3,988,738
Safety – Classic*	64.935%	23.654%	41.281%	3,710,812
Safety – 2 nd Tier*	22.478%	22.434%	.044%	1,468
Safety - PEPRA	13.834%	13.786%	.048%	1,259
Total FY20 Unfunded Liability Payment				\$7,702,277

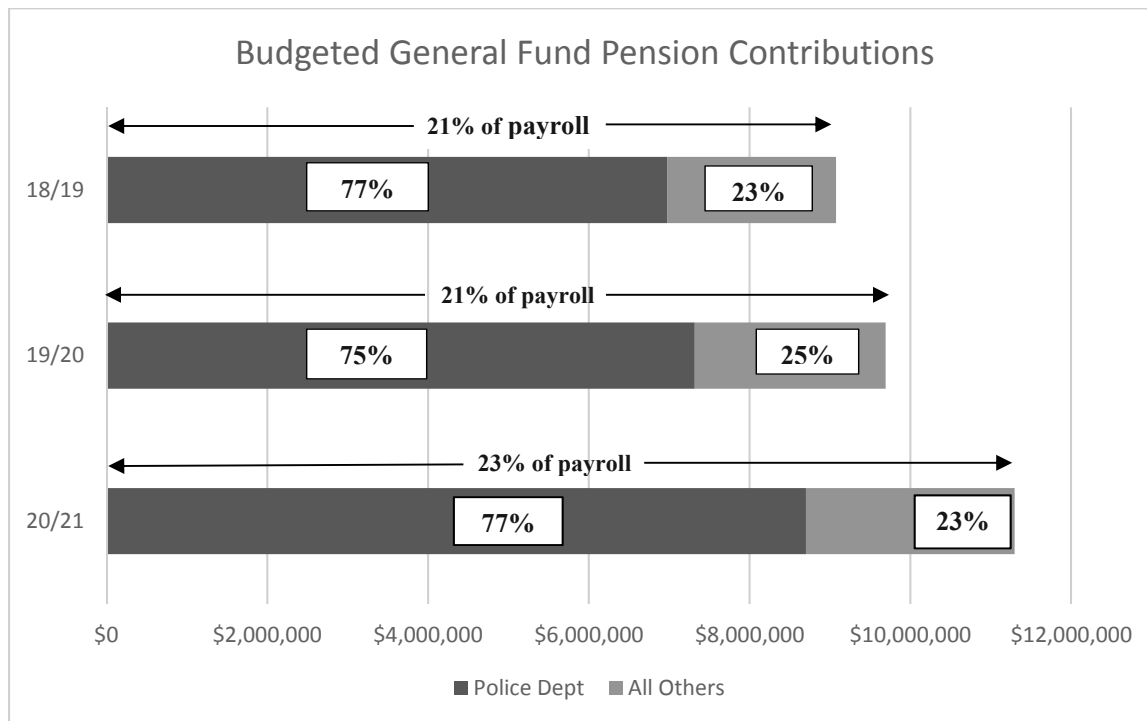
*Safety classic and 2nd tier employees pay 3% of the City's required contribution listed in the tables.

FY 2020/21 pension contributions rates:

Plan	Total Rate	Normal Cost Rate	Unfunded Liability Rate	Unfunded Liability Payment as Dollar Figure
Miscellaneous	39.4%	12.7%	26.7%	\$4,308,000
Safety – Classic**	71.935%	25.1%	46.835%	4,167,000
Safety – 2 nd Tier**	23.85%	23.8%	.05%	6,200
Safety – PEPRA**	13.986%	13.9%	.086%	4,500
Total FY21 Projected Unfunded Liability Payment				\$8,485,700

**CalPERS has not provided unfunded liability rate, only the projected dollar figure. Rate is City projection

Below represents the budgeted General Fund pension contributions for each budget year indicating the portion attributable to the Police Department (all positions). Contributions are projected to increase \$1,603,709 between FY19/20 and 20/21 with 86% of the increase attributable to the Police Department.



NEXT STEPS

Any direction given will be incorporated with the budget brought forward to Council. It is important to note depending on what, if any, positions approved may require costs to reconfigure office space, new vehicles, new computers, new phone, new desks, office supplies, chairs and other ancillary costs for the new employees.

A budget calendar is included as Attachment 2 for the upcoming study sessions. The topics are subject to change as needed, with adoption of the budget occurring in June.

ATTACHMENTS

1. February 5, 2019 staff report
2. Budget Calendar



STAFF REPORT TO THE CITY COUNCIL

DATE: Special Meeting of February 5, 2019
TO: Honorable Mayor and Members of the City Council
SUBMITTED BY: Dawn Merchant, Finance Director
REVIEWED BY: Ron Bernal, City Manager
SUBJECT: Unfunded Liabilities

RECOMMENDED ACTION

It is recommended that the City Council discuss and direct staff regarding a policy for paying down unfunded pension and other post-employment benefit (OPEB) liabilities.

STRATEGIC PURPOSE

This action falls under Strategic Plan Long Term Goal O: Achieve and maintain financial stability and transparency.

FISCAL IMPACT

Fiscal impacts of any policy direction will be incorporated into the upcoming two-year and future budget cycles.

DISCUSSION

City Council requested that in lieu of addressing payment of unfunded pension and OPEB liabilities only through the one-time revenue policy, that a separate policy addressing unfunded liabilities be considered that would provide a systematic approach to paying them down.

Historical unfunded liability balances are as follows:

Plan	6/30/13	6/30/14	6/30/15	6/30/16	6/30/17	6/30/18
Miscellaneous	\$24,180,970	\$42,718,114	\$42,985,949	\$45,209,182	\$54,239,873	\$59,271,947
Safety	21,107,761	35,225,264	33,459,081	37,561,170	46,835,514	53,243,957
Police Supp.	1,693,000	1,959,000	2,001,333	1,065,673	652,945	145,013
OPEB	30,978,000	37,669,000	37,669,000	58,121,753	58,121,753	48,913,478
	\$77,959,731	\$117,571,378	\$116,115,363	\$141,957,778	\$159,850,085	\$161,574,395

For the Miscellaneous and Safety Pension Plans with CalPERS, a portion of the bi-weekly CalPERS payment pays a portion of the unfunded liability as required so the City is continually paying towards the unfunded liability.

For this current fiscal year (2018/19), the City's required contributions are as follows:

Plan	Total Rate	Normal Cost Rate	Unfunded Liability Rate	Unfunded Liability Payment as Dollar Figure	Amortization of Unfunded Liability Scheduled End
Miscellaneous	34.801%	11.861%	22.940%	\$3,437,733	6/30/2045
Safety – Classic*	57.692%	22.346%	35.346%	3,109,546	6/30/2046
Safety – 2 nd Tier*	21.248%	21.206%	.042%	1,042	6/30/2030
Safety - PEPRA	13.070%	12.965%	.105%	1,995	6/30/2033
Total FY19 Unfunded Liability Payment				\$6,550,316	

For next fiscal year (2019/20), required contributions will be:

Plan	Total Rate	Normal Cost Rate	Unfunded Liability Rate	Unfunded Liability Payment as Dollar Figure	Amortization of Unfunded Liability Scheduled End
Miscellaneous	37.433%	12.068%	25.365%	\$3,988,738	6/30/2045
Safety – Classic*	64.935%	23.654%	41.281%	3,710,812	6/30/2046
Safety – 2 nd Tier*	22.478%	22.434%	.044%	1,468	6/30/2030
Safety - PEPRA	13.834%	13.786%	.048%	1,259	6/30/2033
Total FY20 Unfunded Liability Payment				\$7,702,277	

*Safety classic and 2nd tier employees pay 3% of the City's required contribution listed in the tables.

CalPERS projects fiscal year 2020/21 contributions to be:

Plan	Total Rate	Normal Cost Rate	Unfunded Liability Rate	Unfunded Liability Payment as Dollar Figure	Amortization of Unfunded Liability Scheduled End
Miscellaneous	39.4%	12.7%	26.7%	\$4,308,000	6/30/2045
Safety – Classic**	71.935%	25.1%	46.835%	4,167,000	6/30/2046
Safety – 2 nd Tier**	23.85%	23.8%	.05%	6,200	6/30/2030
Safety – PEPRA**	13.986%	13.9%	.086%	4,500	6/30/2033
Total FY21 Projected Unfunded Liability Payment				\$8,485,700	

**CalPERS has not provided unfunded liability rate, only the projected dollar figure. Rate is City projection.

Current contribution projections provided by CalPERS for fiscal years 2022 through 2025 are provided in Attachment 2. Note that for the City's Safety Plans, CalPERS does not provide a corresponding percentage for the unfunded liability rate associated with the dollar figure as they do for the Miscellaneous Plan. The unfunded liability rates and total rates reflected in the table above for these plans are what is being incorporated into the fiscal year 2020/21 budget. Actual fiscal year 2020/21 rates will not be known until later this year.

For OPEB, the City provides medical after retirement benefits to employees hired prior to September 2007 that retire from the City. The monthly amounts vary by bargaining unit and various caps of each medical after retirement plan. The City is on a “pay-as-you-go” basis with these plans. This means that we budget and pay for the medical premium reimbursements due to retirees each month rather than paying the full calculated actuarial determined contribution. The City is budgeted to pay \$1,686,325 in “pay-as-you-go” payments in this current fiscal year. The actuarial determined contribution was calculated to be \$2,927,590.

Available Options

1. In May 2018, staff brought information to Council regarding establishment of a 115 trust to set aside funds for unfunded pension liabilities. Ultimately, the Council at that time elected not to pursue this avenue due to the restrictions of a 115 trust. Once established, the trust is irrevocable (no matter which 115 trust company is used). Funds can only be used to pay pension obligations and should the City decide to terminate the trust at any point in the future, the funds can only be transferred to another 115 trust or to CalPERS directly. Funds in a trust would not reduce the City’s unfunded liabilities on the balance sheet of our financial statements; however, they would not be available for any other use and would reflect being obligated for pensions in the net position section of the financials.

Since this was last brought to Council, CalPERS has been working on providing the framework and getting legislative approval for a section 115 trust administered by them. If this were to happen, staff believes funds held would be able to reduce the unfunded liabilities on the balance sheet, however, the funds would still be untouchable by the City once set aside.

Should the Council want to now pursue this option for the pension unfunded liabilities, an amount to set aside would need to be determined, methodology established for any future contributions and then staff would need to prepare a Request for Proposal for trust services.

It is important to note that the City has already established a 115 trust for OPEB liabilities. In 2008, the City Council approved participation in the CalPERS CERBT trust and set aside \$7,516,505 in that trust. This amount has grown to just under \$11.25 million as of December 31, 2018 due to some additional contributions and interest. However, the trust for OPEB differs slightly than establishing one for pensions as the amount set aside for OPEB directly offsets the OPEB liability (and is accounted for in the \$48,913,478 OPEB unfunded liability in the table on the first page).

2. The City can establish a “fresh start” amortization period with CalPERS for the unfunded liabilities. This restarts the amortization schedule fresh from the start date of election and amortizes unfunded liabilities over a new shortened amortization period. For the City of Antioch, it would range between 5 to 20 years depending on which plan(s) the City would elect to do this for (refer to the CalPERS Amortization Schedules and Alternatives excerpts from the June 30, 2017 valuation reports in Attachment 1). Once the City signs an agreement for this

option, it cannot be changed again. The yearly payments increase, in some plans substantially, in order to meet the shorter repayment timeframe. Although it will provide significant interest savings, it will also result in the loss of available annual revenues to pay for daily City operations. If the City were to begin this in FY20, total CalPERS payments would increase \$1,535,068 and steadily increase beyond that each outlying fiscal year. As you can see in Attachment 1 for the Miscellaneous Plan alone, in the final year of the new 20-year amortization, the City would be required to pay \$3,063,434 more than the existing amortization schedule.

3. The City can establish a soft “fresh start” which informally adopts the shorter amortization periods by making the difference in the shorter amortization period payments in the form of Additional Discretionary Payments (ADPs) to be paid to CalPERS each year. This will allow the City the flexibility in making the full difference in the payments in budget years that funding is available or modify the payment in years when the entire amount may not be. By not signing an agreement with CalPERS, the City is not locked into making the larger payment each year.
4. The City can elect to begin contributing the full actuarial determined contribution for OPEB verses just the “pay-as-you-go” amount. If this were done in FY19, \$1,241,265 in additional expense would need to be budgeted to be placed into the trust.
5. The City can establish a repayment methodology which repays some amount annually on a systematic basis towards pensions and/or OPEB. For example, the City Council could establish a policy that \$500,000 annually will be paid towards unfunded liabilities.

As our City and all others throughout California have seen, pension obligations are very volatile and uncertain. Any changes implemented by CalPERS in assumptions, interest rates, and market losses directly impact unfunded liabilities on an annual basis and are out of our control. As is demonstrated with our Police Supplementary Plan, the City paid off the unfunded liability that existed as of June 30, 2017, only to see it return as of June 30, 2018. Even the amortizations schedules in Attachment 1 have a notation from CalPERS that they do not include adopted discount rate changes that will occur after June 30, 2017 which means our unfunded liabilities will only continue to balloon further. Council should consider implementing a fiscally prudent policy that balances the need to address our unfunded liabilities and the need to provide quality services to our citizens.

ATTACHMENTS

1. CalPERS Amortizations Schedules
2. CalPERS Projected Contributions

Amortization Schedule and Alternatives

Date	<u>Current Amortization Schedule*</u>		<u>Alternate Schedules</u>			
	Balance	Payment	20 Year Amortization		15 Year Amortization	
			Balance	Payment	Balance	Payment
6/30/2019	57,817,200	3,988,738	57,817,200	4,321,203	57,817,200	5,257,371
6/30/2020	57,878,148	4,312,742	57,533,842	4,445,437	56,564,331	5,408,520
6/30/2021	57,607,972	4,650,007	57,101,280	4,573,243	55,064,096	5,564,015
6/30/2022	56,968,929	4,900,055	56,505,000	4,704,724	53,294,062	5,723,981
6/30/2023	56,024,601	4,999,003	55,729,326	4,839,985	51,230,037	5,888,545
6/30/2024	54,909,340	5,142,723	54,757,337	4,979,135	48,845,944	6,057,841
6/30/2025	53,564,383	5,178,956	53,570,774	5,122,285	46,113,680	6,232,004
6/30/2026	52,084,392	5,377,129	52,149,936	5,269,550	43,002,961	6,411,174
6/30/2027	50,291,873	5,531,722	50,473,577	5,421,050	39,481,163	6,595,495
6/30/2028	48,209,296	5,690,758	48,518,787	5,576,905	35,513,149	6,785,115
6/30/2029	45,811,031	5,854,369	46,260,868	5,737,241	31,061,080	6,980,187
6/30/2030	43,069,455	6,022,679	43,673,204	5,902,187	26,084,216	7,180,868
6/30/2031	39,954,809	5,490,433	40,727,113	6,071,875	20,538,702	7,387,318
6/30/2032	37,165,553	5,370,487	37,391,700	6,246,441	14,377,335	7,599,703
6/30/2033	34,298,294	5,197,368	33,633,685	6,426,026	7,549,320	7,818,195
6/30/2034	31,402,445	4,964,756	29,417,233	6,610,775		
6/30/2035	28,537,543	4,676,175	24,703,760	6,800,834		
6/30/2036	25,763,793	4,366,902	19,451,731	6,996,358		
6/30/2037	23,109,238	4,356,065	13,616,443	7,197,504		
6/30/2038	20,273,451	4,340,998	7,149,787	7,404,432		
6/30/2039	17,247,670	4,422,908				
6/30/2040	13,917,694	4,550,065				
6/30/2041	10,214,608	3,613,359				
6/30/2042	7,213,115	3,778,916				
6/30/2043	3,822,560	3,582,223				
6/30/2044	389,889	397,115				
6/30/2045	6,899	7,145				
6/30/2046						
6/30/2047						
6/30/2048						
Totals		120,763,796		114,647,190		96,890,332
Interest Paid		62,946,596		56,829,990		39,073,132
Estimated Savings				6,116,606		23,873,464

* This schedule does not reflect the impact of adopted discount rate changes that will become effective beyond June 30, 2017. For Projected Employer Contributions, please see Page 5.

Amortization Schedule and Alternatives

Date	<u>Current Amortization Schedule</u>		<u>Alternate Schedules</u>			
	Balance	Payment	15 Year Amortization		10 Year Amortization	
			Balance	Payment	Balance	Payment
6/30/2019	53,934,997	3,710,812	53,934,997	4,904,358	53,934,997	6,688,981
6/30/2020	54,002,309	4,111,795	52,766,254	5,045,359	50,918,070	6,881,290
6/30/2021	53,659,237	4,536,280	51,366,754	5,190,413	47,483,258	7,079,127
6/30/2022	52,851,689	4,864,178	49,715,570	5,339,637	43,594,539	7,282,652
6/30/2023	51,646,017	5,015,655	47,790,137	5,493,152	39,213,114	7,492,028
6/30/2024	50,196,061	5,159,855	45,566,127	5,651,080	34,297,203	7,707,424
6/30/2025	48,491,649	5,308,201	43,017,324	5,813,548	28,801,821	7,929,012
6/30/2026	46,510,037	5,460,812	40,115,478	5,980,688	22,678,543	8,156,971
6/30/2027	44,226,712	5,617,810	36,830,155	6,152,633	15,875,249	8,391,484
6/30/2028	41,615,256	5,779,322	33,128,578	6,329,521	8,335,852	8,632,739
6/30/2029	38,647,205	5,945,478	28,975,448	6,511,495		
6/30/2030	35,291,897	6,116,410	24,332,762	6,698,700		
6/30/2031	31,516,309	6,292,257	19,159,607	6,891,288		
6/30/2032	27,284,881	5,119,433	13,411,953	7,089,412		
6/30/2033	23,961,270	5,014,797	7,042,412	7,293,233		
6/30/2034	20,505,060	4,809,136				
6/30/2035	17,011,260	4,467,916				
6/30/2036	13,617,532	4,103,100				
6/30/2037	10,355,568	2,117,677				
6/30/2038	8,913,247	1,946,682				
6/30/2039	7,543,442	1,868,703				
6/30/2040	6,155,084	1,922,428				
6/30/2041	4,610,431	1,547,480				
6/30/2042	3,342,092	1,480,753				
6/30/2043	2,050,902	1,195,653				
6/30/2044	961,356	666,136				
6/30/2045	341,194	242,261				
6/30/2046	115,041	119,138				
6/30/2047						
6/30/2048						
Totals		104,540,156		90,384,517		76,241,708
Interest Paid		50,605,159		36,449,520		22,306,711
Estimated Savings				14,155,639		28,298,448

* This schedule does not reflect the impact of adopted discount rate changes that will become effective beyond June 30, 2017. For Projected Employer Contributions, please see page 5.

Amortization Schedule and Alternatives

Date	<u>Current Amortization Schedule</u>		<u>Alternate Schedules</u>			
	Balance	Payment	10 Year Amortization		5 Year Amortization	
			Balance	Payment	Balance	Payment
6/30/2019	53,245	1,468	53,245	6,603	53,245	11,966
6/30/2020	55,585	3,020	50,267	6,793	44,714	12,310
6/30/2021	56,487	4,661	46,876	6,989	35,208	12,663
6/30/2022	55,756	6,393	43,037	7,190	24,646	13,028
6/30/2023	53,177	8,221	38,712	7,396	12,941	13,402
6/30/2024	48,518	8,458	33,859	7,609		
6/30/2025	43,277	8,701	28,434	7,828		
6/30/2026	37,403	8,951	22,389	8,053		
6/30/2027	30,845	9,208	15,672	8,284		
6/30/2028	23,545	9,473	8,229	8,522		
6/30/2029	15,442	9,745				
6/30/2030	6,469	6,699				
6/30/2031						
6/30/2032						
6/30/2033						
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6/30/2048						
Totals		85,000		75,267		63,368
Interest Paid		31,754		22,022		10,123
Estimated Savings				9,733		21,632

* This schedule does not reflect the impact of adopted discount rate changes that will become effective beyond June 30, 2017. For Projected Employer Contributions, please see page 5.

Amortization Schedule and Alternatives

Date	<u>Current Amortization Schedule</u>		<u>Alternate Schedules</u>			
	Balance	Payment	15 Year Amortization		10 Year Amortization	
			Balance	Payment	Balance	Payment
6/30/2019	56,983	1,259	56,983	5,182	56,983	7,067
6/30/2020	59,811	2,590	55,748	5,330	53,796	7,270
6/30/2021	61,465	3,996	54,270	5,484	50,167	7,479
6/30/2022	61,782	5,482	52,525	5,641	46,058	7,694
6/30/2023	60,584	7,049	50,491	5,804	41,429	7,915
6/30/2024	57,676	7,252	48,141	5,970	36,235	8,143
6/30/2025	54,348	7,460	45,448	6,142	30,429	8,377
6/30/2026	50,562	7,675	42,382	6,319	23,960	8,618
6/30/2027	46,279	7,896	38,911	6,500	16,772	8,866
6/30/2028	41,458	8,123	35,001	6,687	8,807	9,121
6/30/2029	36,052	8,356	30,613	6,879		
6/30/2030	30,012	8,596	25,708	7,077		
6/30/2031	23,285	8,843	20,242	7,281		
6/30/2032	15,815	9,098	14,170	7,490		
6/30/2033	7,540	7,808	7,440	7,705		
6/30/2034						
6/30/2035						
6/30/2036						
6/30/2037						
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6/30/2043						
6/30/2044						
6/30/2045						
6/30/2046						
6/30/2047						
6/30/2048						
Totals		101,483		95,492		80,550
Interest Paid		44,500		38,509		23,567
Estimated Savings				5,991		20,933

* This schedule does not reflect the impact of adopted discount rate changes that will become effective beyond June 30, 2017. For Projected Employer Contributions, please see page 5.

Plan's Funded Status

	June 30, 2016	June 30, 2017
1. Present Value of Projected Benefits	\$ 183,670,013	\$ 194,139,089
2. Entry Age Normal Accrued Liability	164,087,966	171,801,531
3. Market Value of Assets (MVA)	\$ 106,776,159	\$ 115,939,262
4. Unfunded Accrued Liability (UAL) [(2) – (3)]	\$ 57,311,807	\$ 55,862,269
5. Funded Ratio [(3) / (2)]	65.1%	67.5%

This measure of funded status is an assessment of the need for future employer contributions based on the selected actuarial cost method used to fund the plan. The UAL is the present value of future employer contributions for service that has already been earned and is in addition to future normal cost contributions for active members. For a measure of funded status that is appropriate for assessing the sufficiency of plan assets to cover estimated termination liabilities, please see "Hypothetical Termination Liability" in the "Risk Analysis" section.

Projected Employer Contributions

The table below shows the required and projected employer contributions (before cost sharing) for the next six fiscal years. Projected results reflect the adopted changes to the discount rate described in Appendix A, "Actuarial Methods and Assumptions." The projections also assume that all actuarial assumptions will be realized and that no further changes to assumptions, contributions, benefits, or funding will occur during the projection period. The projected normal cost percentages in the projections below do not reflect that the normal cost will decline over time as new employees are hired into PEPR or other lower cost benefit tiers.

Fiscal Year	Required Contribution	Projected Future Employer Contributions (Assumes 7.25% Return for Fiscal Year 2017-18)				
		2019-20	2020-21	2021-22	2022-23	2023-24
Normal Cost %	12.068%	12.7%	12.7%	12.7%	12.7%	12.7%
UAL Payment	3,988,738	4,308,000	4,697,000	5,002,000	5,163,000	5,370,000
<i>Total as a % of Payroll*</i>	<i>37.4%</i>	<i>39.4%</i>	<i>41.0%</i>	<i>42.1%</i>	<i>42.2%</i>	<i>42.6%</i>
<i>Projected Payroll</i>	<i>15,725,054</i>	<i>16,118,252</i>	<i>16,561,504</i>	<i>17,016,945</i>	<i>17,484,911</i>	<i>17,965,746</i>

*Illustrative only and based on the projected payroll shown.

Changes in the UAL due to actuarial gains or losses as well as changes in actuarial assumptions or methods are amortized using a 5-year ramp up. For more information, please see "Amortization of the Unfunded Actuarial Accrued Liability" under "Actuarial Methods" in Appendix A. This method phases in the impact of changes in UAL over a 5-year period and attempts to minimize employer cost volatility from year to year. As a result of this methodology, dramatic changes in the required employer contributions in any one year are less likely. However, required contributions can change gradually and significantly over the next five years. In years where there is a large increase in UAL the relatively small amortization payments during the ramp up period could result in a funded ratio that is projected to decrease initially while the contribution impact of the increase in the UAL is phased in.

Due to the adopted change in the discount rate for the next valuation in combination with the 5-year phase-in ramp, the increases in the required contributions are expected to continue for six years from Fiscal Year 2019-20 through Fiscal Year 2024-25.

For projected contributions under alternate investment return scenarios, please see the "Analysis of Future Investment Return Scenarios" in the "Risk Analysis" section.

Plan's Funded Status

	June 30, 2016		June 30, 2017	
1. Present Value of Projected Benefits (PVB)	\$	185,985,623	\$	196,980,363
2. Entry Age Normal Accrued Liability (AL)		165,605,766		176,386,493
3. Plan's Market Value of Assets (MVA)		114,466,059		124,496,514
4. Unfunded Accrued Liability (UAL) [(2) - (3)]		51,139,707		51,889,979
5. Funded Ratio [(3) / (2)]		69.1%		70.6%

This measure of funded status is an assessment of the need for future employer contributions based on the selected actuarial cost method used to fund the plan. The UAL is the present value of future employer contributions for service that has already been earned and is in addition to future normal cost contributions for active members. For a measure of funded status that is appropriate for assessing the sufficiency of plan assets to cover estimated termination liabilities, please see "Hypothetical Termination Liability" in the "Risk Analysis" section.

Projected Employer Contributions

The table below shows projected employer contributions (before cost sharing) for the next six fiscal years. Projected results reflect the adopted changes to the discount rate described in Appendix A, "Statement of Actuarial Data, Methods and Assumptions" of the Section 2 report. The projections also assume that all actuarial assumptions will be realized and that no further changes to assumptions, contributions, benefits, or funding will occur during the projection period.

Fiscal Year	Projected Future Employer Contributions (Assumes 7.25% Return for Fiscal Year 2017-18)						
	Required Contribution	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Normal Cost %	23.654%	25.1%	25.1%	25.1%	25.1%	25.1%	25.1%
UAL Payment	\$3,710,812	\$4,167,000	\$4,698,000	\$5,139,000	\$5,414,000	\$5,688,000	

Changes in the UAL due to actuarial gains or losses as well as changes in actuarial assumptions or methods are amortized using a 5-year ramp up. For more information, please see "Amortization of the Unfunded Actuarial Accrued Liability" under "Actuarial Methods" in Appendix A of Section 2. This method phases in the impact of unanticipated changes in UAL over a 5-year period and attempts to minimize employer cost volatility from year to year. As a result of this methodology, dramatic changes in the required employer contributions in any one year are less likely. However, required contributions can change gradually and significantly over the next five years. In years where there is a large increase in UAL the relatively small amortization payments during the ramp up period could result in a funded ratio that is projected to decrease initially while the contribution impact of the increase in the UAL is phased in.

Due to the adopted changes in the discount rate for next year's valuation in combination with the 5-year phase-in ramp, the increases in the required contributions are expected to continue for six years from Fiscal Year 2019-20 through Fiscal Year 2024-25.

For projected contributions under alternate investment return scenarios, please see the "Analysis of Future Investment Return Scenarios" in the "Risk Analysis" section.

Plan's Funded Status

	June 30, 2016		June 30, 2017	
1. Present Value of Projected Benefits (PVB)	\$	10,569,251	\$	15,005,568
2. Entry Age Normal Accrued Liability (AL)		1,464,384		2,528,996
3. Plan's Market Value of Assets (MVA)		1,378,487		2,451,677
4. Unfunded Accrued Liability (UAL) [(2) - (3)]		85,897		77,319
5. Funded Ratio [(3) / (2)]		94.1%		96.9%

This measure of funded status is an assessment of the need for future employer contributions based on the selected actuarial cost method used to fund the plan. The UAL is the present value of future employer contributions for service that has already been earned and is in addition to future normal cost contributions for active members. For a measure of funded status that is appropriate for assessing the sufficiency of plan assets to cover estimated termination liabilities, please see "Hypothetical Termination Liability" in the "Risk Analysis" section.

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Fiscal Year	Required Contribution	Projected Future Employer Contributions (Assumes 7.25% Return for Fiscal Year 2017-18)				
	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Normal Cost %	22.434%	23.8%	23.8%	23.8%	23.8%	23.8%
UAL Payment	\$1,468	\$6,200	\$11,000	\$16,000	\$22,000	\$26,000

Changes in the UAL due to actuarial gains or losses as well as changes in actuarial assumptions or methods are amortized using a 5-year ramp up. For more information, please see "Amortization of the Unfunded Actuarial Accrued Liability" under "Actuarial Methods" in Appendix A of Section 2. This method phases in the impact of unanticipated changes in UAL over a 5-year period and attempts to minimize employer cost volatility from year to year. As a result of this methodology, dramatic changes in the required employer contributions in any one year are less likely. However, required contributions can change gradually and significantly over the next five years. In years where there is a large increase in UAL the relatively small amortization payments during the ramp up period could result in a funded ratio that is projected to decrease initially while the contribution impact of the increase in the UAL is phased in.

Due to the adopted changes in the discount rate for next year's valuation in combination with the 5-year phase-in ramp, the increases in the required contributions are expected to continue for six years from Fiscal Year 2019-20 through Fiscal Year 2024-25.

For projected contributions under alternate investment return scenarios, please see the "Analysis of Future Investment Return Scenarios" in the "Risk Analysis" section.

Plan's Funded Status

	June 30, 2016		June 30, 2017	
1. Present Value of Projected Benefits (PVB)	\$	6,564,506	\$	8,963,938
2. Entry Age Normal Accrued Liability (AL)		504,972		1,027,486
3. Plan's Market Value of Assets (MVA)		457,518		975,495
4. Unfunded Accrued Liability (UAL) [(2) - (3)]		47,454		51,991
5. Funded Ratio [(3) / (2)]		90.6%		94.9%

This measure of funded status is an assessment of the need for future employer contributions based on the selected actuarial cost method used to fund the plan. The UAL is the present value of future employer contributions for service that has already been earned and is in addition to future normal cost contributions for active members. For a measure of funded status that is appropriate for assessing the sufficiency of plan assets to cover estimated termination liabilities, please see "Hypothetical Termination Liability" in the "Risk Analysis" section.

Projected Employer Contributions

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Fiscal Year	Required Contribution	Projected Future Employer Contributions (Assumes 7.25% Return for Fiscal Year 2017-18)				
	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Normal Cost %	13.786%	13.9%	13.9%	13.9%	13.9%	13.9%
UAL Payment	\$1,259	\$4,500	\$7,900	\$11,000	\$15,000	\$18,000

Changes in the UAL due to actuarial gains or losses as well as changes in actuarial assumptions or methods are amortized using a 5-year ramp up. For more information, please see "Amortization of the Unfunded Actuarial Accrued Liability" under "Actuarial Methods" in Appendix A of Section 2. This method phases in the impact of unanticipated changes in UAL over a 5-year period and attempts to minimize employer cost volatility from year to year. As a result of this methodology, dramatic changes in the required employer contributions in any one year are less likely. However, required contributions can change gradually and significantly over the next five years. In years where there is a large increase in UAL the relatively small amortization payments during the ramp up period could result in a funded ratio that is projected to decrease initially while the contribution impact of the increase in the UAL is phased in.

Due to the adopted changes in the discount rate for next year's valuation in combination with the 5-year phase-in ramp, the increases in the required contributions are expected to continue for six years from Fiscal Year 2019-20 through Fiscal Year 2024-25.

For projected contributions under alternate investment return scenarios, please see the "Analysis of Future Investment Return Scenarios" in the "Risk Analysis" section.

**City of Antioch
2019 Budget Schedule**

Study Session Date (before Council Mtg)	Proposed Time	Subject
February 26, 2019	5:00 p.m.	Overview of positions being requested in budget, unfunded liabilities continuation
March 12, 2019	5:30 p.m.	Replacement reserves, CAP to Animal & Recreation
March 26, 2019	5:30 p.m.	Placeholder
April 9, 2019	5:00 p.m.	General Fund, Recreation Fund, Prewett Water Park Fund, Animal Services Fund
April 23, 2019	5:30 p.m.	Continuation of April 9th if needed and CIP
May 14, 2019	5:30 p.m.	Special Revenue, Debt Service, APFA and Successor Agency Funds (and any follow up from prior study sessions)
May 28, 2019	5:30 p.m.	Special Revenue, Capital Project, Internal Service and Enterprise Funds (and any follow up from prior study sessions)
June 11, 2019	5:30 p.m.	Placeholder if additional meeting needed before budget adoption, or possible budget adoption during regular agenda if all completed
June 25, 2019	7:00 p.m.	Budget Adoption - regular agenda item if not ready for June 11th CIP Adoption - Public Hearing



Antioch Station Parking Antioch City Council





Antioch Parking Lot Expansion Schedule

- December 6: BART Board
 - Certification of environmental – **APPROVED**
 - Adoption of project – **APPROVED**
- Spring 2019: Complete Design and Advertise
- Summer/Fall 2019: Construction
- Summer/Fall 2020: Open Parking Lot



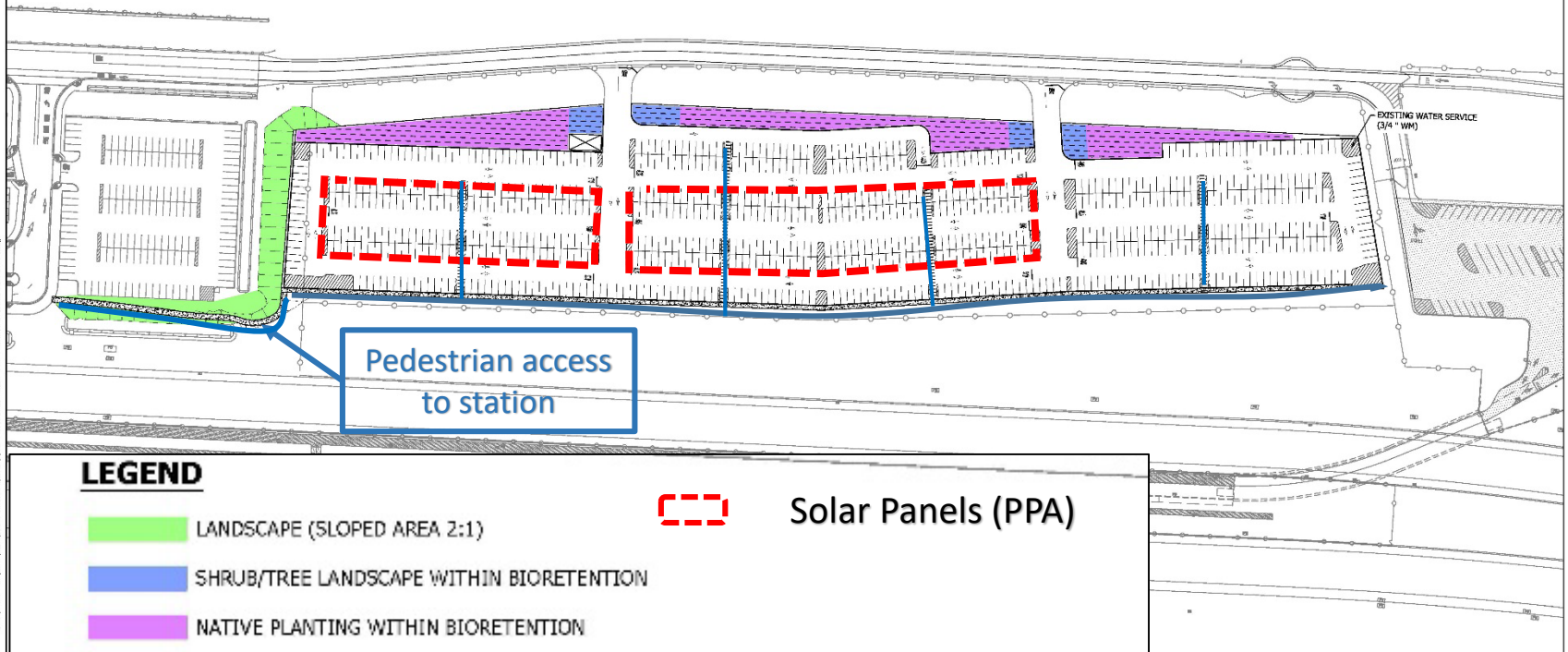
Antioch Station Parking Expansion and Other Access Improvements





Parking Lot Expansion

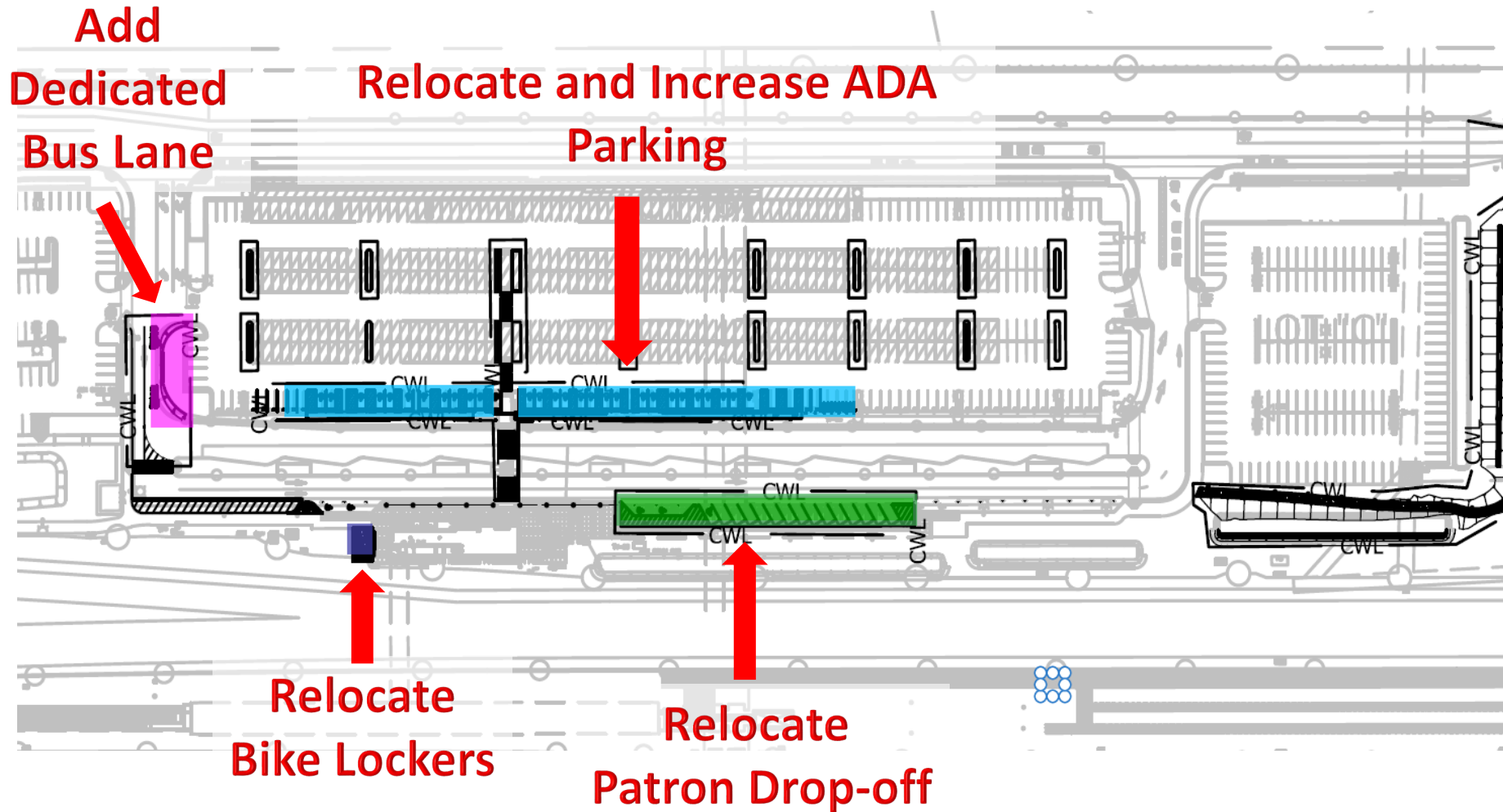
- 850 new spaces
- Landscaping
- Emergency Phones and CCTV



* Separate procurement through Purchase Power Agreement (PPA)



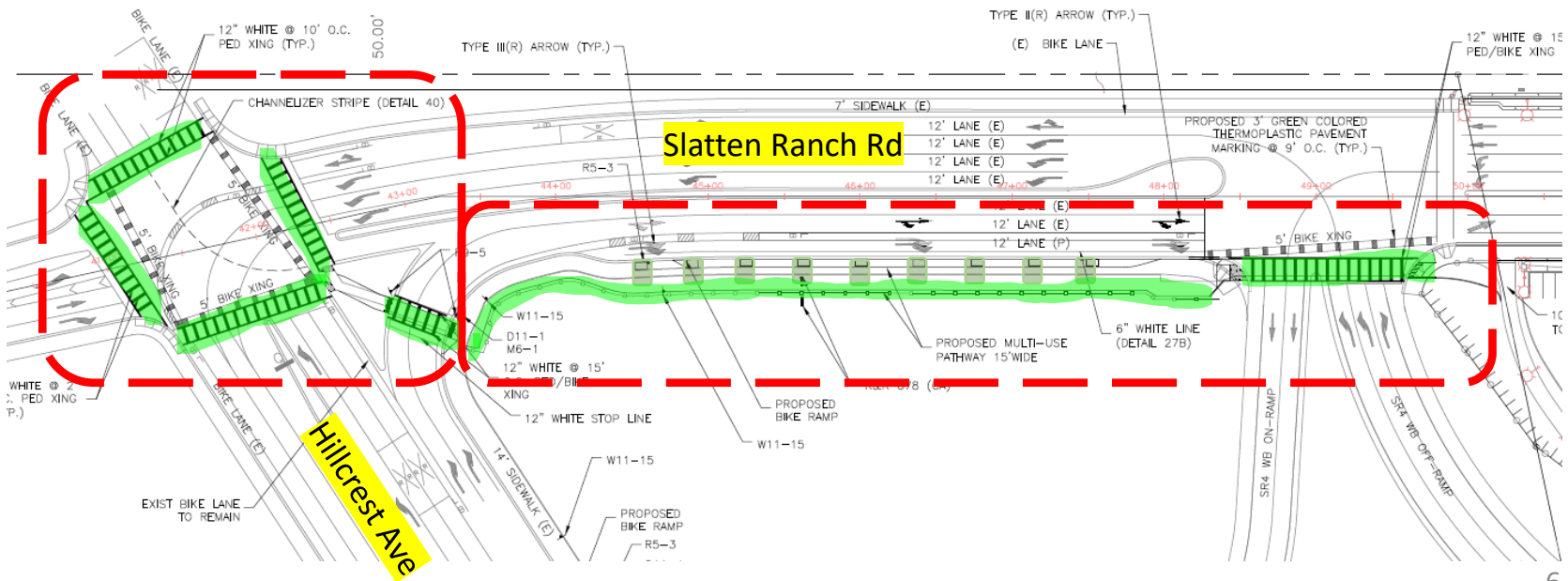
On-site Access Improvements to the Existing Surface Lot





Bike Access Improvements

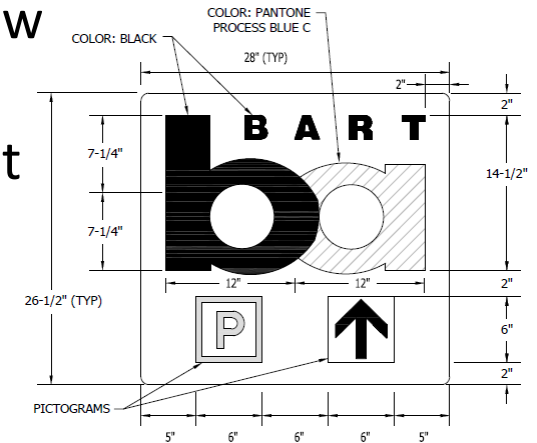
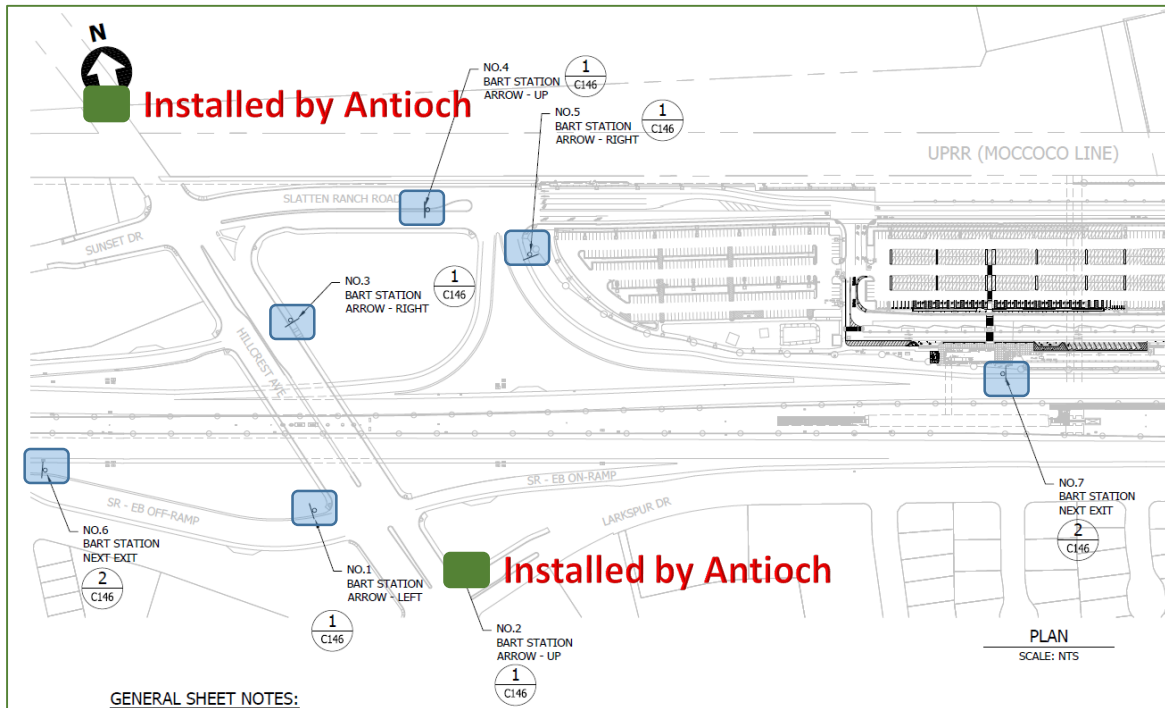
- Coordinated with City of Antioch, Caltrans, CCTA, and Bicycle Advocacy Groups
- Restripe pedestrian and bike crosswalks
- Modify traffic signals to provide exclusive bicycle and pedestrian crossing phase
- Trees along Slatten Ranch Rd



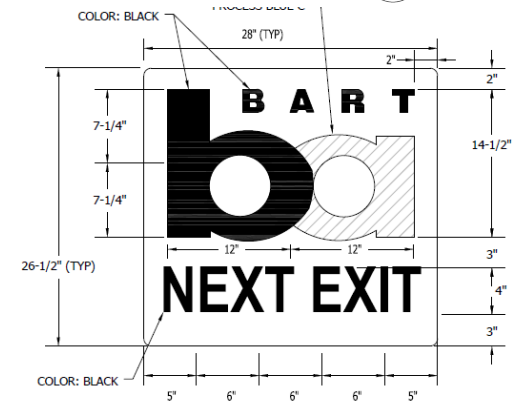


Vehicular Wayfinding

- Coordinated with City of Antioch to install two new vehicular wayfinding signs
- Other signs require Caltrans Encroachment Permit and will be installed in Parking Lot Contract



BART WAYFINDING SIGN DETAIL 1
C146



BART WAYFINDING SIGN DETAIL 2
C146

**CITY COUNCIL MEETING
INCLUDING THE ANTIOCH CITY COUNCIL
ACTING AS HOUSING SUCCESSOR
TO THE ANTIOCH DEVELOPMENT AGENCY
ANTIOCH PUBLIC FINANCING AUTHORITY**

**Special/Regular Meeting
6:00 P.M.**

**January 22, 2019
Council Chambers**

4:45 P.M. - CLOSED SESSION

- 1. CONFERENCE WITH LEGAL COUNSEL ANTICIPATED LITIGATION** – Initiation of Litigation pursuant to California Government Code §54956.9 (d)(4): One potential case.
- 2. PUBLIC EMPLOYEE PERFORMANCE EVALUATION: City Manager.** This closed session is authorized pursuant to Government Code section 54957.
- 3. CONFERENCE WITH LABOR NEGOTIATORS** – Agency designated representatives: Mayor Sean Wright and City Attorney Derek Cole. Unrepresented employee: City Manager Ron Bernal.
- 4. PUBLIC EMPLOYEE APPOINTMENT** pursuant to Government Code section 54957: Title: City Attorney

Mayor Wright called the Special Meeting/Study Session to order at 6:04 P.M., and City Clerk Simonsen called the roll.

Present: Council Members Wilson, Motts, Thorpe, Ogorchock and Mayor Wright

PLEDGE OF ALLEGIANCE

Mayor Wright led the Council and audience in the Pledge of Allegiance.

STUDY SESSION

1. VISIONING AND STRATEGIC PLAN STUDY SESSION

City Manager Bernal introduced the Study Session Agenda Item #1.

Director of Parks and Recreation Kaiser gave a Power Point presentation of the Vision and Strategic Plan 2019-2029. She recommended the City Council provide direction and feedback to staff.

Mayor Wright requested Council prioritize a list of short, mid and long term goal for projects, and discuss the steps needed to achieve them.

Councilmember Ogorchock suggested adding solar projects to the Vision and Strategic Plan.

Councilmember Motts requested adding an event center and marquee signage downtown as well as a restaurant incentive program to the Vision and Strategic Plan. She questioned if a public relations officer and additional code enforcement staff could be included.

City Manager Bernal responded that requests for additional staffing would be part of the budget discussions.

Mayor Wright suggested Councilmember Motts email any additional requests to City Manager Bernal so he could forward them to Council, prior to the next meeting, to allow them time to consider how they would like them prioritized.

In response to Council, Director of Economic Development Reed reported that he was creating a budget for a business attraction program. He noted it was best not to be specific on the types of businesses the City wanted to attract so staff could study and provide feedback as to which jobs would be successful, in Antioch. He also explained that staff from all cities touching the waterfront had been working with the Board of Supervisors and consultants on the Northern Waterfront Economic Development Initiative. He stated items mentioned in the Vision and Strategic Plan would advance the waterfront.

Councilmember Thorpe commented that economic development needed to be looked at on a broader scale such as competitive advantage and outreach. He suggested that the Vision and Strategic Plan include key performance indicators that were aspirational.

Following discussion, the City Council agreed to hold a Vision and Strategic Plan Study Session from 9:00 A.M. – 1:00 P.M. on February 2, 2019, at the Antioch Community Center.

Mayor Wright adjourned the Special Meeting/Study Session at 6:53 P.M.

Interim City Attorney Cole reported the City Council had been in Closed Session and gave the following report: **#1 CONFERENCE WITH LEGAL COUNSEL ANTICIPATED LITIGATION**, direction given to City Attorney, **#2 PUBLIC EMPLOYEE PERFORMANCE EVALUATION: City Manager**, evaluation given, **#3 CONFERENCE WITH LABOR NEGOTIATORS**, direction given to Labor Negotiators; and, **#4 PUBLIC EMPLOYEE APPOINTMENT**, direction given to Negotiators.

Mayor Wright called the meeting to order at 7:02 P.M., and City Clerk Simonsen called the roll.

Present: Council Members Wilson, Motts, Thorpe, Ogorchock and Mayor Wright

PLEDGE OF ALLEGIANCE

Councilmember Wilson led the Council and audience in the Pledge of Allegiance.

2. PROCLAMATIONS

*In Honor of Mildred Irma Biglow Burris Petersen
Black History Month, February 2019*

On motion by Councilmember Wilson, seconded by Councilmember Motts, the Council unanimously approved the Proclamations.

The City Council presented the proclamation to Mildred Irma Biglow Burris Peterson who thanked the City Council for the recognition.

Mayor Wright presented the *Black History Month* proclamation to Dr. Carrie Frazier who thanked the City for recognition and their support of the Black History Month Art & Artifacts Exhibit.

ANNOUNCEMENTS OF CIVIC AND COMMUNITY EVENTS

Councilmember Wilson announced Community Violence Solutions was hosting a screening of "Very Young Girls" and a panel discussion regarding Human Trafficking from 6:00 P.M. – 8:00 P.M. on January 31, 2019, at the Antioch Community Center.

Tirrell Muhammad, Antioch Rotary, announced a Bunny Hop 5K would be begin at 9:00 A.M. on April 20, 2019, at the Dow Wetlands. He encouraged those wishing to participate to register online at www.antiochbunnyhop5k.com and thanked Sutter Health, and Dow Chemical for sponsoring the event. He stated flyers were available in Council Chambers and reported that money raised from the event would go towards community scholarships.

Geneva Moss, Contra Costa Library Antioch and Prewett, introduced herself as the Acting Senior Community Library Manager and presented Council with a newsletter, and her business card. She announced that they would be holding tutor training for individuals who were interested in helping adults learn to read.

ANNOUNCEMENTS OF BOARD AND COMMISSION OPENINGS

City Clerk Simonsen announced the following Board and Commission openings:

- Board of Appeals: One (1) vacancy; deadline date is January 25, 2019
- Police Crime Prevention Commission: One (1) vacancy; deadline date is January 25, 2019

He reported applications would be available in Council Chambers and online at the City's website.

PUBLIC COMMENTS

Frank Sterling, Antioch resident, discussed his personal experience with the Antioch Police Department and announced he had filed documents with the City seeking information regarding incidents involving the department. He presented copies of the documents to City Clerk Simonsen.

Shannon Fierros, Antioch resident, stated she was a Certified Massage Therapist operating as a mobile therapist and she was concerned that the City had imposed registration fees that were disproportionate for a sole proprietor. She requested Council consider her concerns and in the future, reach out to business professionals in the community.

COUNCIL SUBCOMMITTEE REPORTS

Councilmember Wilson reported she would be attending a meeting with Tri Delta Transit next week.

Councilmember Motts reported on her attendance at the League of California Cities and Board of Supervisors Northern Waterfront Initiative meeting.

Councilmember Thorpe reported that his committees would be meeting on January 23, 2019.

Councilmember Ogorchock reported on her attendance at the League of California Cities meetings.

Mayor Wright reported on his attendance at the Mayor's Conference and announced he was appointed to serve in the alternate position for LAFCO. He also reported that he had attended the Delta Diablo meeting where he was appointed to Finance committee and as Chair of the Infrastructure committee.

MAYOR'S COMMENTS

Mayor Wright thanked everyone who participated in Martin Luther King Jr. Day of Service. He also thanked Councilmember Wilson and everyone involved in planning the event.

- 3. CONSENT CALENDAR for City /City Council Members acting as Housing Successor to the Antioch Development Agency/Antioch Public Financing Authority**
 - A. APPROVAL OF SPECIAL MEETING/CLOSED SESSION MINUTES FOR DECEMBER 13, 2018**
 - B. APPROVAL OF SPECIAL MEETING/CLOSED SESSION MINUTES FOR DECEMBER 27, 2018**

- C. APPROVAL OF COUNCIL MINUTES FOR JANUARY 8, 2019
- D. APPROVAL OF COUNCIL WARRANTS
- E. APPROVAL OF TREASURER'S REPORT FOR NOVEMBER 2018
- F. APPROVAL OF TREASURER'S REPORT FOR DECEMBER 2018
- G. ORDINANCE NO. 2160-C-S SECOND READING – ARNOLD REZONE (Z-18-08)
(Introduced on 01/08/19)
- H. CITY OF ANTIOCH COMPREHENSIVE ANNUAL REPORT FOR THE FISCAL YEAR ENDED JUNE 30, 2018
- I. RESOLUTION NO. 2019/15 ADOPTING THE MEASURE J GROWTH MANAGEMENT PROGRAM COMPLIANCE CHECKLIST FOR REPORTING CALENDAR YEARS 2016 AND 2017 FOR THE SALES TAX/TRANSPORTATION INITIATIVE

City of Antioch Acting as Housing Successor to the Antioch Development Agency

- J. APPROVAL OF HOUSING SUCCESSOR WARRANTS

Antioch Public Financing Authority

- K. ANTIOCH PUBLIC FINANCING AUTHORITY – BASIC FINANCIAL STATEMENTS AND INDEPENDENT AUDITOR'S REPORT FOR THE YEAR ENDED JUNE 30, 2018

On motion by Councilmember Ogorchock, seconded by Councilmember Thorpe, the City Council unanimously approved the Council Consent Calendar.

PUBLIC HEARING

- 4. **GENERAL PLAN AMENDMENT FOR CANNABIS BUSINESSES AND OTHER MISCELLANEOUS CHANGES**

City Manager Bernal introduced Public Hearing Item #4.

Director of Community Development Ebbs presented the staff report dated January 22, 2019 recommending the City Council adopt the resolution amending the General Plan to address Cannabis Businesses and other miscellaneous changes.

Mayor Wright opened and closed the public hearing with no members of the public requesting to speak.

In response to Councilmember Wilson, Director of Community Development Ebbs explained that Assembly and Senate Bills related to transit centers and density housing would complicate matters as he believed the intent was to bypass Specific Plans and local land use authority. He reported that he would be tracking them and studying the implications.

City Clerk Simonsen reported on his attendance at the Housing Community Economic Development Policy Committee meeting where they took a position to oppose SB50 California More HOMES Act of 2019, unless amended, as it was in violation of existing League of California Cities policies. He added that when the final text of SB50 was presented, individual cities would be asked to take a position.

Councilmember Motts added that this was a contentious issue at the League of California Cities and there was lobbying, and support for cities not to have their local control taken away.

RESOLUTION NO. 2019/16

On motion by Councilmember Ogorchock, seconded by Councilmember Thorpe, the City Council unanimously adopted the resolution amending the General Plan to address Cannabis Businesses and other miscellaneous changes.

Director of Community Development Ebbs offered to schedule a briefing on the housing bills and asked Council to direct any comments regarding this matter to City Manager Bernal.

COUNCIL REGULAR AGENDA

- 5. AUTHORIZATION FOR THE CITY MANAGER TO ENTER INTO A CONSULTANT SERVICES AGREEMENT WITH EVVIVA BRANDS, LLC – FOR PHASE 2 OF THE CITY’S REBRANDING EFFORTS FOR THE CREATION OF EXPRESSIONS FOR THE MEDIA CAMPAIGN, AND FOR THE PROGRAMMING OF THE PREVIOUSLY BUDGETED \$100,000 FOR MARKETING IN FISCAL YEAR 2018/19**

City Manager Bernal introduced Regular Agenda Item #5.

Director of Economic Development Reed presented the staff report dated January 22, 2019 recommending the City Council adopt a resolution authorizing the City Manager to enter into a Consultant Services Agreement with Evviva Brands, LLC- for Phase 2 of the City’s Rebranding Efforts for the Creation of Expressions for the Media Campaign and for the programming of the previously budgeted \$100,000 for marketing in fiscal year 2018/19.

In response to Councilmember Motts, Director of Economic Development Reed stated that the media plan would be created by Orange 22, who would be selecting the photos and videos to be utilized throughout the marketing campaign.

In response to Mayor Wright, Director of Economic Development Reed explained that the money for Phase 2 of the City's rebranding efforts had already been approved and budgeted.

Councilmember Thorpe requested that in the future, for consistency, items such as this be placed on the Consent Calendar.

RESOLUTION NO. 2019/17

On motion by Councilmember Thorpe, seconded by Councilmember Ogorchock, the City Council unanimously adopted a resolution authorizing the City Manager to enter into a Consultant Services Agreement with Evviva Brands, LLC- for Phase 2 of the City's Rebranding Efforts for the Creation of Expressions for the Media Campaign and for the programming of the previously budgeted \$100,000 for marketing in fiscal year 2018/19.

6. GLOBAL PRESENTATION FOR SMALL BUSINESS WORK SPACES

City Manager Bernal introduced Regular Agenda Item #6.

Director of Economic Development Reed presented the staff report dated January 22, 2019 recommending the City Council discuss and provide direction to staff regarding the supporting of small business work spaces.

In response to Council, Director of Economic Development Reed explained that this was an informational item and there was no recommendation from staff to move forward. He explained that incubators needed to grow organically and could not be forced.

Mayor Wright stated he had requested this item to start the dialog and noted that many residents who telecommuted were looking for an opportunity to expand their businesses. He asked Director of Economic Development Reed how he felt the City could move forward to actively create something that would support home-based businesses that wanted to grow their companies.

Director of Economic Development Reed responded that part of the budget going forward would be to determine what businesses currently exist and if there were needs in the community. He noted if the City was going to participate financially, they would need to determine the best option for moving forward; and, if not, they could support any entity that wanted to proceed by providing them with the data they had collected.

Mayor Wright reported that there were some non-profits seeking opportunities and the mall was considering a co-working space. He stated he would like the City to be supportive of those efforts.

Director of Economic Development Reed responded that the City would be very supportive of anything that advanced businesses.

In response to Councilmember Thorpe, Director of Economic Development Reed stated he would be attending the Investing in Local Jobs, Workforce Skills Training and Entrepreneurship Community Luncheon Forum on January 25, 2019 at Lone Tree Golf Course and Event Center, where they would be discussing incubator space for East County.

Councilmember Thorpe stated he was interested in learning how the City would fit into the global picture. He noted the City could revisit this issue after they participated in the Community Luncheon Forum.

Councilmember Ogorchock stated if the City decided to move forward, it should be prioritized in the Vision and Strategic Plan.

In response to Council, Director of Economic Development Reed stated he would take this item back to the Economic Development Commission to review and provide a recommendation to Council.

Councilmember Thorpe stated that if an opportunity for the City was brought forward during the Community Luncheon Forum, he requests staff bring the item back to Council to determine if they want to participate.

Councilmember Motts stated she would also be attending the Community Luncheon Forum.

7. THE CITY COUNCIL DISCUSS AND PROVIDE DIRECTION ON FORMATION OF COMMITTEES

City Manager Bernal introduced Regular Agenda Item #7.

Administrative Services Director Mastay presented the staff report dated January 22, 2019 recommending the City Council discuss and provide direction to staff regarding the formation of the following committees: Waterfront Committee, City/School Committee, Smart Growth Committee, Quality of Life Committee, Youth Task Force Committee and Other.

Following discussion, the City Council agreed to the formation of the following Ad Hoc Committees:

- Waterfront Committee – Motts, Wilson
- City/School Committee - Motts, Ogorchock
- Municipal/Civic Center – Thorpe, Wilson
- Youth Services Task Force Committee – Thorpe, Wright
- Human Trafficking – Wilson, Motts

- Sesquicentennial Anniversary Committee – Wright, Motts

Council agreed to postpone the Smart Growth Committee until there was further direction from the State.

City Clerk Simonsen stated that all of the committees would be established by resolution.

PUBLIC COMMENTS – None

STAFF COMMUNICATIONS

City Manager Bernal announced the next City Council meeting would be held on Tuesday February 5, 2019 due to the President Holiday on February 12, 2019. He reminded Council that the Vision and Strategic Plan Study Session would be held from 9:00 A.M. – 1:00 A.M. on February 2, 2019 at the Community Center.

COUNCIL COMMUNICATIONS

Councilmember Ogorchock congratulated the Antioch Police Officers that were promoted today. She requested staff agendize an Emergency Awareness Program and travel to Washington D.C. She expressed interest in going on the trip to Washington D.C. to advocate on behalf of the City.

ADJOURNMENT

With no further business, Mayor Wright adjourned the meeting at 8:40 P.M. to the next regular Council meeting on February 5, 2019.

Respectfully submitted:

Kitty Eiden

KITTY EIDEN, Minutes Clerk



STAFF REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of February 26, 2019

TO: Honorable Mayor and Members of the City Council

SUBMITTED BY: Christina Garcia, CMC, Deputy City Clerk *Cg*

APPROVED BY: Nickie Mastay, Administrative Services Director *NM*

SUBJECT: City Council Special Meeting/Study Session Minutes of February 2, 2019

RECOMMENDED ACTION

It is recommended that the City Council continue the Special Meeting/Study Session Minutes of February 2, 2019 to the next meeting.

STRATEGIC PURPOSE

N/A

FISCAL IMPACT

None

DISCUSSION

N/A

ATTACHMENT

None.



STAFF REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of February 26, 2019

TO: Honorable Mayor and Members of the City Council

SUBMITTED BY: Christina Garcia, CMC, Deputy City Clerk *Cg*

APPROVED BY: Nickie Mastay, Administrative Services Director *NM*

SUBJECT: City Council Meeting Minutes of February 5, 2019

RECOMMENDED ACTION

It is recommended that the City Council continue the Meeting Minutes of February 5, 2019 to the next meeting.

STRATEGIC PURPOSE

N/A

FISCAL IMPACT

None

DISCUSSION

N/A

ATTACHMENT

None.

CITY OF ANTIOCH
 CLAIMS BY FUND REPORT
 FOR THE PERIOD OF
 JANUARY 25 - FEBRUARY 14, 2019
 FUND/CHECK#

100 General Fund

Non Departmental

379280 FREEDOM FOREVER LLC	CBSC FEE REFUND	6.15
379285 HOME DEPOT, THE	CBSC FEE REFUND	1.51
379296 MESA OUTDOOR	RETURN DEPOSIT	2,000.00
379329 VIVINT SOLAR DEVELOPER LLC	CBSC FEE REFUND	10.20
379402 DELTA DENTAL	PAYROLL DEDUCTIONS	248.72
379420 HARRIS AND ASSOCIATES INC	PROFESSIONAL SERVICES	3,727.50
379445 RANEY PLANNING & MANAGEMENT	CONSULTING SERVICES	3,294.82
379463 TELECOM LAW FIRM PC	LEGAL SERVICES	925.45
379514 CONTRA COSTA WATER DISTRICT	CCWD FACILITY RESERVE	16,467.00
379515 CONTRA COSTA WATER DISTRICT	TREATED WATER CAPACITY FEE	3,364.14
379526 ECC REG FEE AND FIN AUTH	ECCRFFA-RTDIM	56,499.00
379550 LEAGUE OF CALIF CITIES	LOCC 2019 MEMBERSHIP DUES	13,753.50
379551 LEMONTREE INVESTMENTS LLC	SB1186 STATE FEE REFUND	12.00
379578 RED DIPPER INC	CBSC FEE REFUND	1.50
933528 ZUMWALT ENGINEERING GROUP	PROFESSIONAL SERVICES	7,341.46

City Council

379470 WILLIAM AVERY AND ASSOCIATES	RECRUITMENT SERVICES	5,500.00
379484 BAGEL STREET CAFE	STUDY SESSION EXPENSE	450.35
379489 BANK OF AMERICA	BUSINESS EXPENSE	38.64
379489 BANK OF AMERICA	LODGING - J MOTTS 1/16-1/17/19	468.70
379489 BANK OF AMERICA	LODGING - L OGORCHOCK 1/16-1/17	486.70
379489 BANK OF AMERICA	LODGING - J MOTTS 1/15/19	234.35
379489 BANK OF AMERICA	CLOSED SESSION EXPENSE	153.20
379567 OFFICE MAX INC	OFFICE SUPPLIES	33.90

City Attorney

379391 COTA COLE ATTORNEYS LLP	LEGAL SERVICES RENDERED	33,525.58
379416 GIBBONS AND CONLEY	LEGAL SERVICES RENDERED	12,748.26
379417 GOLDFARB AND LIPMAN LLP	PROFESSIONAL SERVICES	383.50
379444 Q2 DATA AND RESEARCH LLC	LEGAL SERVICES RENDERED	59,483.75
379462 TELECOM LAW FIRM PC	LEGAL SERVICES RENDERED	210.00
379463 TELECOM LAW FIRM PC	PROFESSIONAL SERVICES	283.00
379489 BANK OF AMERICA	BUSINESS EXPENSE	629.08
379567 OFFICE MAX INC	OFFICE SUPPLIES	126.11
933546 RAY MORGAN COMPANY	COPIER USAGE	250.10

City Manager

379378 BERNAL JR, ROWLAND	EXPENSE REIMBURSEMENT	132.14
379379 BEST BEST AND KRIEGER LLP	WATERFRONT DEVELOPMENT	96.72

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379489 BANK OF AMERICA	WIRELESS SPEAKER	789.31
379493 BERNAL JR, ROWLAND	MILEAGE REIMBURSEMENT	752.05
379494 BEST BEST AND KRIEGER LLP	DELTA DIABLO	257.92
379529 FEDERAL ADVOCATES INC	CONSULTING SERVICES	4,166.67
379567 OFFICE MAX INC	OFFICE SUPPLIES	96.93
933546 RAY MORGAN COMPANY	COPIER USAGE	250.10
City Clerk		
379492 BAY AREA NEWS GROUP	LEGAL PUBLICATIONS	326.70
379588 SIMONSEN, ARNE	TRAVEL REIMBURSEMENT	136.39
933546 RAY MORGAN COMPANY	COPIER USAGE	479.60
City Treasurer		
379439 PFM ASSET MGMT LLC	ADVISORY SERVICES	8,312.10
Human Resources		
379254 BANK OF AMERICA	EQUIPMENT	1,890.92
379287 IEDA INC	MEMBER DUES	4,557.69
379291 JACKSON LEWIS LLP	PROFESSIONAL SERVICES	525.00
379300 OFFICE MAX INC	OFFICE SUPPLIES	247.62
379489 BANK OF AMERICA	LODGING - N MASTAY	428.70
379496 BITTNER, DESMOND D	EDUCATION REIMBURSEMENT	800.00
379567 OFFICE MAX INC	OFFICE SUPPLIES	235.52
933546 RAY MORGAN COMPANY	COPIER USAGE	348.96
Economic Development		
379432 MUNICIPAL RESOURCE GROUP LLC	PROFESSIONAL SERVICES	2,484.00
379437 ORANGE22 INC	CONSULTING SERVICES	4,000.00
379487 BANK OF AMERICA	CONFERENCE REGISTRATION	730.00
379487 BANK OF AMERICA	AIRFARE - REED	198.00
379487 BANK OF AMERICA	BUSINESS EXPENSE	43.16
379487 BANK OF AMERICA	MEMBERSHIP RENEWAL	195.00
379487 BANK OF AMERICA	MEETING EXPENSE	67.89
379489 BANK OF AMERICA	ADVERTISEMENT	57.27
379525 DUALHARE INC	COMMUNICATION SERVICES	2,400.00
933536 EVVIVA BRANDS LLC	CONSULTING SERVICES	5,500.00
933546 RAY MORGAN COMPANY	COPIER USAGE	250.10
Finance Administration		
379567 OFFICE MAX INC	OFFICE SUPPLIES	58.02
933546 RAY MORGAN COMPANY	COPIER USAGE	594.37

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Finance Accounting

379326 THALES CONSULTING INC	SCO REPORT PREP	4,000.00
379400 CSMFO	MEMBERSHIP RENEWAL	110.00
379441 POSADA, LAUREN ASHLY	EXPENSE REIMBURSEMENT	58.70
379492 BAY AREA NEWS GROUP	LEGAL PUBLICATIONS	4,158.00
379567 OFFICE MAX INC	OFFICE SUPPLIES	325.62
933549 SUPERION LLC	18.1 CONVERSION COSTS	1,400.00
933549 SUPERION LLC	ASP SERVICES	20,607.90

Finance Operations

379275 DIABLO LIVE SCAN	FINGERPRINTING	2.00
379488 BANK OF AMERICA	CONFERENCE REGISTRATION -VIART	950.00
379488 BANK OF AMERICA	AIRFARE - VIART	301.99
933546 RAY MORGAN COMPANY	COPIER USAGE	894.06

Non Departmental

379265 CONRADO L NANON SR AND SONIA	LANDLORD TAX REFUND	300.00
379431 MUNICIPAL POOLING AUTHORITY	UNMET LIABILITY DEDUCTIBLE	33,700.30
379488 BANK OF AMERICA	ORAL BOARD EXPENSE	282.73
379550 LEAGUE OF CALIF CITIES	LOCC 2019 MEMBERSHIP DUES	13,753.50
379551 LEMONTREE INVESTMENTS LLC	BL RENEWAL FEE REFUND	509.00
379579 REKHA VONTELA DDS	BL TAX REFUND	373.50
379601 WAGeworks	ADMIN FEE	612.00
933439 RETIREE	MEDICAL AFTER RETIREMENT	1,745.44

Public Works Maintenance Administration

933546 RAY MORGAN COMPANY	COPIER USAGE	92.74
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Public Works General Maintenance Services

933546 RAY MORGAN COMPANY	COPIER USAGE	247.32
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Public Works Street Maintenance

379324 SYAR INDUSTRIES INC	ASPHALT	3,866.17
379380 BIG SKY LOGOS AND EMBROIDERY	UNIFORMS	191.23
379461 SYAR INDUSTRIES INC	PROFESSIONAL SERVICES	1,499.17
379557 LOWES COMPANIES INC	SUPPLIES	229.27
379565 NEXTEL SPRINT	CELL PHONE	57.78
379567 OFFICE MAX INC	OFFICE SUPPLIES	92.48

Public Works-Signal/Street Lights

379457 STATE OF CALIFORNIA	SIGNAL MAINTENANCE	3,788.10
379483 AT AND T MCI	PHONE	1,502.62

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379506 CONTRA COSTA COUNTY	TRAFFIC SIGNAL MAINTENANCE	30,998.71
379569 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	1,091.97
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	6,398.58
933524 ICR ELECTRICAL CONTRACTORS	ELECTRICAL SERVICES	6,293.95
933539 ICR ELECTRICAL CONTRACTORS	ELECTRICAL SERVICES	661.69

Public Works-Striping/Signing

379272 CRESCO EQUIPMENT RENTALS	EQUIPMENT RENTAL	184.63
379279 FASTENAL CO	SUPPLIES	167.95
379313 SHERWIN WILLIAMS CO	SUPPLIES	128.85
379373 ACE HARDWARE, ANTIOCH	SUPPLIES	12.68
379414 FIRST VANGUARD RENTALS	SUPPLIES	1,668.13
379557 LOWES COMPANIES INC	SUPPLIES	143.62
379565 NEXTEL SPRINT	CELL PHONE	57.78
379567 OFFICE MAX INC	OFFICE SUPPLIES	237.82
379597 TAPCO	SUPPLIES	338.46

Public Works-Facilities Maintenance

379270 CONTRA COSTA POWERSPORTS	SUPPLIES	24.93
379293 M AND L OVERHEAD DOORS	REPAIR	225.00
379312 SEVERED METAL	HAND RAIL	3,647.20
379373 ACE HARDWARE, ANTIOCH	SUPPLIES	6.62
379384 BLUE STAR COMPANY INC	E-WASTE	350.00
379450 SERVICE PROS PLUMBERS INC	PLUMBING SERVICE CALL	888.00
379483 AT AND T MCI	PHONE	121.10
379544 JIM CLARK COMPANY	BUILDING MATERIALS	4,300.00
379557 LOWES COMPANIES INC	SUPPLIES	1,253.12
379558 M AND L OVERHEAD DOORS	DOOR REPAIR	1,992.28
379565 NEXTEL SPRINT	CELL PHONE	57.78
379570 PACIFIC GAS AND ELECTRIC CO	GAS	13,945.87
379576 REAL PROTECTION INC	MONITORING SERVICES	270.00
379585 SERVICE PROS PLUMBERS INC	WATER FOUNTAIN SERVICE	2,415.00
933541 LEES BUILDING MAINTENANCE	JANITORIAL SERVICES	3,611.85

Public Works-Parks Maint

379274 DEL CONTE LANDSCAPING INC	LANDSCAPE SERVICES	58,158.45
379397 CONTRA COSTA COUNTY TAX COLL.	PROPERTY TAX	121.86
379404 DELTA FENCE CO	REPAIR SERVICES	2,845.00
379405 DELTA FENCE CO	REPAIR SERVICES	1,267.00
379425 KAY PARK AND REC CORP	SUPPLIES	102.50
379459 STEWARTS TREE SERVICE INC	LANDSCAPE SERVICES	4,550.00
379483 AT AND T MCI	PHONE	82.92

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379557	LOWES COMPANIES INC	SUPPLIES	335.06
379570	PACIFIC GAS AND ELECTRIC CO	ELECTRIC	1,001.19
Public Works-Median/General Land			
379373	ACE HARDWARE, ANTIOCH	SUPPLIES	29.55
379459	STEWARTS TREE SERVICE INC	LANDSCAPE SERVICES	750.00
379475	AL FRESCO LANDSCAPING	LANDSCAPE SERVICES	1,434.72
379483	AT AND T MCI	PHONE	559.31
379570	PACIFIC GAS AND ELECTRIC CO	ELECTRIC	1,697.40
Public Works-Work Alternative			
379373	ACE HARDWARE, ANTIOCH	SUPPLIES	33.63
379565	NEXTEL SPRINT	CELL PHONE	51.16
Police Administration			
379247	ALL PRO PRINTING SOLUTIONS	PRINTING SERVICES	2,329.14
379260	CLONINGER, NAHLEEN R	MILEAGE REIMBURSEMENT	69.32
379264	CONCORD UNIFORMS LLC	UNIFORMS	8,432.28
379267	CONTRA COSTA COUNTY	RANGE TRAINING	370.00
379273	CRIME SCENE CLEANERS INC	CRIME SCENE CLEANUP	140.00
379277	DIRECT GOV SOURCE	SUPPLIES	5,785.18
379294	MATIS, ZECHARIAH DANIEL	TRAINING PER DIEM	330.00
379299	OFFICE MAX INC	OFFICE SUPPLIES	149.39
379308	PRIDE, ANGELA MICHELLE	EXPENSE REIMBURSEMENT	35.99
379315	SMITH JR, RICHARD A	TRAINING PER DIEM	198.00
379381	BITTNER, DESMOND D	TRAINING PER DIEM	122.00
379387	BROOKS, TAMMANY N	TRAINING PER DIEM	122.00
379398	CONTRA COSTA HEALTH SERVICES	JAIL FEES	621.00
379407	DUFFY, ADAM JAMES	EXPENSE REIMBURSEMENT	36.00
379410	ED JONES CO INC	POLICE BADGE	350.58
379411	EIDEN, KITTY J	PCPC MEETING TRANSCRIPTION	112.00
379415	GALLS INC	EQUIPMENT	1,508.08
379429	MCDONALD, RYAN J	MILEAGE REIMBURSEMENT	77.37
379434	NET TRANSCRIPTS	TRANSCRIPTS	145.41
379436	OFFICE MAX INC	OFFICE SUPPLIES	550.14
379438	PETERSON, SAMANTHA GENOVEVA	EXPENSE REIMBURSEMENT	61.98
379448	ROSE, BRIAN C	TRAINING PER DIEM	213.00
379449	ROSE, BRIAN C	EXPENSE REIMBURSEMENT	509.11
379452	SIMPSON INVESTIGATIVE SERVICES	PROFESSIONAL SERVICES	2,196.60
379465	ULINE	SUPPLIES	58.09
379472	ADAMSON POLICE PRODUCTS	SUPPLIES	305.52
379474	AIELLO, STEVEN J	MEAL ALLOWANCE	115.00

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379479	ARROWHEAD 24 HOUR TOWING INC	TOWING SERVICES	197.50
379492	BAY AREA NEWS GROUP	LEGAL PUBLICATIONS	80.10
379500	COLE, SHANE RYAN	PARKING REIMBURSEMENT	80.00
379505	CONTRA COSTA COUNTY	TRAINING	8,770.00
379512	CONTRA COSTA FIRE EQUIPMENT	SUPPLIES	315.30
379525	DUALHARE INC	COMMUNICATION SERVICES	400.00
379531	GALLS INC	REPLACEMENT VEST JOHNSEN	1,114.68
379539	HYATT REGENCY	LODGING - T BROOKS	294.21
379540	HYATT REGENCY	LODGING - D BITTNER	294.21
379541	IBS OF TRI VALLEY	SUPPLIES	432.95
379545	JOHNSON, VIRGINIA L	EXPENSE REIMBURSEMENT	145.96
379561	MCELROY, STEVEN M	MEAL ALLOWANCE	115.00
379567	OFFICE MAX INC	OFFICE SUPPLIES	902.16
379574	PITNEY BOWES INC	POSTAGE METER	258.80
379583	SAN JOAQUIN DELTA COLLEGE	ACADEMY FEES - BARRERA	1,943.00
379595	SYSTEMS FOR PUBLIC SAFETY	TRAINING - M KOCH	300.00
933525	IMAGE SALES INC	ID CARDS	54.55
933526	MOBILE MINI LLC	OFF SITE STORAGE	380.63
933546	RAY MORGAN COMPANY	COPIER USAGE	3,112.07
Police Prisoner Custody			
933546	RAY MORGAN COMPANY	COPIER USAGE	112.34
Police Community Policing			
379297	MOORE K9 SERVICES	K9 TRAINING	1,600.00
379317	SP PLUS CORPORATION	PARKING ENFORCEMENT	13,261.25
379369	AFLAC	PAYROLL DEDUCTIONS	246.32
379376	ARK PET HOSPITAL INC, THE	VETERINARY SERVICES	58.95
379422	HUNT AND SONS INC	FUEL	57.47
379443	PSYCHOLOGICAL RESOURCES INC	PRE-EMPLOYMENT SERVICES	500.00
379478	ARK PET HOSPITAL INC, THE	VETERINARY SERVICES	196.65
379538	HUNT AND SONS INC	FUEL	1,151.70
379565	NEXTEL SPRINT	EQUIPMENT	444.34
Police Traffic Division			
379282	GALLS INC	UNIFORMS	346.90
Police Investigations			
379256	BLEDSON, LOREN M	EXPENSE REIMBURSEMENT	167.36
379257	CAMPWAY	EQUIPMENT	3,539.00
379295	MEALS, CLINTON B	EXPENSE REIMBURSEMENT	42.45
379395	CONTRA COSTA COUNTY	LAB ANALYSIS	4,898.04

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379396 CONTRA COSTA COUNTY	EXTRADITION SERVICES	445.00
379402 DELTA DENTAL	PAYROLL DEDUCTIONS	124.36
379428 LEXISNEXIS	INVESTIGATIVE DATABASE	252.50
379466 VERIZON WIRELESS	DATA PACKET INFO	50.00
379473 ADVANTAGE SENTRY AND PROTEC.	EXTRADITION SERVICES	1,078.75
379497 BROGDON, CASEY AMON	TRAINING PER DIEM	122.00
379507 CONTRA COSTA COUNTY	LAB ANALYSIS	17,976.50
379523 DOUBLETREE HOTEL	LODGING - C BROGDON	318.66
379524 DS WATERS OF AMERICA	WATER DISPENSER	49.78
379573 PEN LINK	TRAINING	1,195.00
379596 T MOBILE USA INC	CELL ANALYSIS	765.00
933546 RAY MORGAN COMPANY	COPIER USAGE	1,043.56
Police Special Operations Unit		
379252 AUTO WORLD INC	VEHICLE LEASE	546.25
379598 TOYOTA FINANCIAL SERVICES	VEHICLE LEASE	564.37
Police Communications		
379251 AT AND T	DISPATCH PHONE SERVICES	56.01
379261 COMCAST	CONNECTION SERVICES	1,053.49
379394 CONTRA COSTA COUNTY	HARDWARE MAINTENANCE	3,327.94
379408 EAST BAY REGIONAL COMMUN.	RADIO SERVICE	113,004.00
379480 AT AND T	DISPATCH PHONE	54.01
379483 AT AND T MCI	PHONE	2,976.23
379501 COMCAST	CONNECTION SERVICES	1,029.52
379510 CONTRA COSTA COUNTY	RADIO SERVICE	1,024.00
379533 GLOBALSTAR	SATELLITE PHONE	214.83
379571 PACIFIC TELEMANAGEMENT SERV.	SATELLITE PHONE	78.00
379584 SEN COMMUNICATIONS INC	SUPPLIES	3,473.00
Office Of Emergency Management		
379442 PREPARATIVE CONSULTING	PROFESSIONAL SERVICES	4,500.00
379483 AT AND T MCI	PHONE	632.94
Police Facilities Maintenance		
379436 OFFICE MAX INC	OFFICE SUPPLIES	769.09
379447 ROCHESTER MIDLAND CORP	PROFESSIONAL SERVICES	1,559.73
379483 AT AND T MCI	PHONE	612.79
379557 LOWES COMPANIES INC	EQUIPMENT	2,896.37
379565 NEXTEL SPRINT	CELL PHONE	2,832.56
379570 PACIFIC GAS AND ELECTRIC CO	GAS	16,822.58
933541 LEES BUILDING MAINTENANCE	JANITORIAL SERVICES	3,880.20

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P & R Administration

379557 LOWES COMPANIES INC	SUPPLIES	131.90
933532 COMPUTERLAND	COMPUTER EQUIPMENT	1,681.42

Community Development Land Planning Services

379280 FREEDOM FOREVER LLC	GP MAINT FEE REFUND	30.40
379285 HOME DEPOT, THE	GP MAINT FEE REFUND	8.11
379329 VIVINT SOLAR DEVELOPER LLC	GP MAINT FEE REFUND	43.08
379399 CREATIVE SUPPORTS INC	OFFICE SUPPLIES	377.17
379412 EIDEN, KITTY J	MINUTES CLERK	238.00
379427 LAND USE PLANNING SERVICES INC	CONSULTING SERVICES	3,220.50
379485 BANK OF AMERICA	PORTFOLIOS	94.85
379492 BAY AREA NEWS GROUP	LEGAL PUBLICATIONS	118.80
379542 ICF JONES AND STOKES INC	CONSULTING SERVICES	43,501.55
379567 OFFICE MAX INC	OFFICE SUPPLIES	36.95
379578 RED DIPPER INC	GP MAINT FEE REFUND	6.60
933546 RAY MORGAN COMPANY	COPIER USAGE	768.08

CD Code Enforcement

379333 WORK WORLD	UNIFORMS	660.94
379424 K2GC	PROFESSIONAL SERVICES	2,191.27
379485 BANK OF AMERICA	SUPPLIES	129.40
379557 LOWES COMPANIES INC	SUPPLIES	10.32
379565 NEXTEL SPRINT	CELL PHONE	253.39

PW Engineer Land Development

379327 TURN AROUND COMMUNICATIONS	INSPECTION FEE REFUND	300.00
379401 DAVID TAUSSIG AND ASSOCIATES	CONSULTING SERVICES	486.89
379420 HARRIS AND ASSOCIATES INC	PROFESSIONAL SERVICES	760.00
379483 AT AND T MCI	PHONE	79.64
379521 DAVID TAUSSIG AND ASSOCIATES	CONSULTING SERVICES	297.50
379565 NEXTEL SPRINT	CELL PHONE	171.29
933371 COMPUTERLAND	COMPUTER EQUIPMENT	384.88
933546 RAY MORGAN COMPANY	COPIER USAGE	394.33
933547 RED WING SHOE STORE	SAFETY SHOES - HANSEN	243.53

Community Development Building Inspection

379278 EAGLE BUSINESS FORMS INC	BUILDING PERMITS	459.57
379280 FREEDOM FOREVER LLC	ENERGY INSP FEE REFUND	264.48
379285 HOME DEPOT, THE	ENERGY INSP FEE REFUND	136.27
379329 VIVINT SOLAR DEVELOPER LLC	ENERGY INSP FEE REFUND	274.62
379399 CREATIVE SUPPORTS INC	OFFICE SUPPLIES	377.17

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379485 BANK OF AMERICA	PORTFOLIOS	94.85
379565 NEXTEL SPRINT	CELL PHONE	109.91
379567 OFFICE MAX INC	OFFICE SUPPLIES	517.96
379578 RED DIPPER INC	ENERGY INSP FEE REFUND	110.88

Capital Imp. Administration

933546 RAY MORGAN COMPANY	COPIER USAGE	253.41
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Community Development Engineering Services

379436 OFFICE MAX INC	OFFICE SUPPLIES	17.75
379565 NEXTEL SPRINT	CELL PHONE	130.56
933546 RAY MORGAN COMPANY	COPIER USAGE	95.63

212 CDBG Fund

CDBG

379258 CITY DATA SERVICES LLC	PUBLIC SERVICES	1,050.00
379491 BAY AREA LEGAL AID	CDBG SERVICES	4,141.21
379502 COMMUNITY VIOLENCE SOLUTIONS	CDBG SERVICES	1,861.57
379504 CONTRA COSTA CHILD CARE COUN.	CDBG SERVICES	2,417.87
379513 CONTRA COSTA SENIOR LEGAL SRV.	CDBG SERVICES	3,321.80
379516 COURT APPOINTED SPECIAL ADVO.	CDBG SERVICES	1,722.66
379527 ECHO HOUSING	CDBG SERVICES	5,717.39
379553 LIONS CENTER FOR THE VISUALLY	CDBG SERVICES	1,707.34
379554 LOAVES AND FISHED OF CCC	CDBG SERVICES	1,250.13
379568 OPPORTUNITY JUNCTION	CDBG SERVICES	12,500.03
933538 HOUSE, TERI	CONSULTING SERVICES	5,200.00

213 Gas Tax Fund

Streets

379569 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	421.23
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	30,731.24

214 Animal Control Fund

Animal Control

379325 ALLIANCE WELDING	EQUIPMENT RENTAL	36.31
379409 EAST BAY VETERINARY EMERGENCY	VETERINARY SERVICES	501.57
379419 HARDING, GEORGE WARREN	TRAINING PER DIEM	152.00
379421 HILLS PET NUTRITION	SUPPLIES	1,153.71
379426 KOEFRAN SERVICES INC	DISPOSAL SERVICES	1,850.00
379456 STARLINE SUPPLY COMPANY	OPERATING SUPPLIES	745.49
379469 WEDGEWOOD PHARMACY	VETERINARY SUPPLIES	181.62
379476 ANIMAL CLINIC OF ANTIOCH	VETERINARY SERVICES	6,218.38

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379486 BANK OF AMERICA	SAWA ASSOCIATION DUES	1,141.80
379503 CONCORD FEED AND FUEL INC	CAT LITTER	374.50
379517 CRE8 CONCEPTS	VOLUNTEER SHIRTS	384.50
379565 NEXTEL SPRINT	CELL PHONE	252.94
379570 PACIFIC GAS AND ELECTRIC CO	GAS	885.40
379591 STARLINE SUPPLY COMPANY	OPERATING SUPPLIES	162.25
379603 ZOETIS LLC	VETERINARY SUPPLIES	279.95
933526 MOBILE MINI LLC	STORAGE UNIT	113.60
933541 LEES BUILDING MAINTENANCE	JANITORIAL SERVICES	579.80
933546 RAY MORGAN COMPANY	COPIER USAGE	477.16

219 Recreation Fund

Non Departmental

379319 STATE BOARD OF EQUALIZATION	SALES TAX REMITTANCE	1,546.18
379377 BAUTISTA, MARIEL	FACILITY DEPOSIT REFUND	500.00
379406 DO, MICHAEL	FACILITY DEPOSIT REFUND	500.00
379454 SMITH, VICTORIA	FACILITY DEPOSIT REFUND	500.00
379455 STAGE RIGHT CONSERVATORY	FACILITY DEPOSIT REFUND	500.00
379537 HUB INTERNATIONAL OF CA INSUR.	EVENT INSURANCE	640.20

Recreation Admin

379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	1,798.90
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Senior Programs

379275 DIABLO LIVE SCAN	FINGERPRINTING	20.00
379483 AT AND T MCI	PHONE	396.58
379570 PACIFIC GAS AND ELECTRIC CO	GAS	1,199.26
933541 LEES BUILDING MAINTENANCE	JANITORIAL SERVICES	708.00

Recreation Sports Programs

379483 AT AND T MCI	PHONE	41.46
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	1,649.89

Recreation-Comm Center

379261 COMCAST	CONNECTION SERVICES	50.01
379274 DEL CONTE LANDSCAPING INC	LANDSCAPE SERVICES	3,821.75
379284 HAPPY TRAILS RIDING ACADEMY	CONTRACTOR PAYMENT	390.00
379330 WAGNER, SANDRA M	CONTRACTOR PAYMENT	72.00
379385 BOWERS, AARON ROBERT	EXPENSE REIMBURSEMENT	85.59
379430 MUIR, ROXANNE	CONTRACTOR PAYMENT	400.20
379482 AT AND T MCI	PHONE	142.14
379483 AT AND T MCI	PHONE	46.28

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379501 COMCAST	CONNECTION SERVICES	50.01
379518 CREATIVE SUPPORTS INC	OFFICE SUPPLIES	408.57
379532 GARDA CL WEST INC	ARMORED CAR SERVICE	189.13
379546 JUMP BUNCH	CONTRACTOR PAYMENT	360.00
379557 LOWES COMPANIES INC	SUPPLIES	76.41
379567 OFFICE MAX INC	OFFICE SUPPLIES	94.41
379576 REAL PROTECTION INC	MONITORING SERVICES	270.00
933546 RAY MORGAN COMPANY	COPIER USAGE	357.91

222 Measure C/J Fund

Streets

379420 HARRIS AND ASSOCIATES INC	PROFESSIONAL SERVICES	600.00
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226 Solid Waste Reduction Fund

Solid Waste Used Oil

379446 REPUBLIC SERVICES INC	CURBSIDE OIL	1,668.25
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Solid Waste

379386 BRETT MR ECO EDWARDS	SCHOOL PERFORMANCES	900.00
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229 Pollution Elimination Fund

Channel Maintenance Operation

379303 PACIFIC COAST LANDSCAPE MGMT	LANDSCAPE SERVICES	214.24
379402 DELTA DENTAL	PAYROLL DEDUCTIONS	124.36
379458 STATE OF CALIFORNIA	CONSTRUCTION EASEMENTS	44,044.00
379528 FASTENAL CO	SUPPLIES	43.48
379557 LOWES COMPANIES INC	SUPPLIES	241.10
379565 NEXTEL SPRINT	CELL PHONE	51.16

238 PEG Franchise Fee Fund

Non Departmental

933521 CDW GOVERNMENT INC	COMPUTER EQUIPMENT	474.26
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251 Lone Tree SLLMD Fund

Lonetree Maintenance Zone 1

379245 AL FRESCO LANDSCAPING	LANDSCAPE SERVICES	2,869.44
379314 SILVA LANDSCAPE	LANDSCAPE SERVICES	1,608.00
379323 STEWARTS TREE SERVICE INC	LANDSCAPE SERVICES	5,500.00
379459 STEWARTS TREE SERVICE INC	LANDSCAPE SERVICES	5,275.00
379483 AT AND T MCI	PHONE	165.84

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379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	745.37
379587 SILVA LANDSCAPE	LANDSCAPE SERVICES	2,412.00
Lonetree Maintenance Zone 2		
379483 AT AND T MCI	PHONE	283.72
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	744.79
Lonetree Maintenance Zone 3		
379483 AT AND T MCI	PHONE	124.38
252 Downtown SLLMD Fund		
Downtown Maintenance		
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	393.07
253 Almondridge SLLMD Fund		
Almondridge Maintenance		
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	210.28
379587 SILVA LANDSCAPE	LANDSCAPE SERVICES	1,608.00
254 Hillcrest SLLMD Fund		
Hillcrest Maintenance Zone 1		
379323 STEWARTS TREE SERVICE INC	LANDSCAPE SERVICES	3,025.00
379371 AL FRESCO LANDSCAPING	LANDSCAPE SERVICES	2,869.44
379475 AL FRESCO LANDSCAPING	LANDSCAPE SERVICES	2,152.08
379483 AT AND T MCI	PHONE	82.92
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	616.52
Hillcrest Maintenance Zone 2		
379314 SILVA LANDSCAPE	LANDSCAPE SERVICES	6,432.00
379451 SILVA LANDSCAPE	LANDSCAPE SERVICES	3,216.00
379483 AT AND T MCI	PHONE	310.95
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	731.79
Hillcrest Maintenance Zone 4		
379245 AL FRESCO LANDSCAPING	LANDSCAPE SERVICES	717.36
379483 AT AND T MCI	PHONE	245.48
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	667.01

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255 Park 1A Maintenance District Fund

Park 1A Maintenance District

379483 AT AND T MCI	PHONE	62.31
379557 LOWES COMPANIES INC	SUPPLIES	94.34
379569 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	82.82
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	81.55

256 Citywide 2A Maintenance District Fund

Citywide 2A Maintenance Zone 3

379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	76.52
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Citywide 2A Maintenance Zone 4

379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	315.60
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Citywide 2A Maintenance Zone 5

379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	400.81
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Citywide 2A Maintenance Zone 6

379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	232.06
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Citywide 2A Maintenance Zone 9

379370 AL FRESCO LANDSCAPING	LANDSCAPE SERVICES	2,152.08
379459 STEWARTS TREE SERVICE INC	LANDSCAPE SERVICES	850.00
379483 AT AND T MCI	PHONE	165.84
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	477.89

Citywide 2A Maintenance Zone10

379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	172.13
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257 SLLMD Administration Fund

SLLMD Administration

379281 FURBER SAW INC	TOOLS	1,585.44
379380 BIG SKY LOGOS AND EMBROIDERY	UNIFORMS	403.01
379557 LOWES COMPANIES INC	SUPPLIES	46.94
379565 NEXTEL SPRINT	CELL PHONE	171.54
933523 GRAINGER INC	SUPPLIES	607.68
933548 JOHN DEERE LANDSCAPES	REPAIR SERVICES	626.71

311 Capital Improvement Fund

Parks & Open Space

379471 WOODARD AND CURRAN	PROFESSIONAL SERVICES	12,864.22
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Energy Efficiency

379386 BRETT MR ECO EDWARDS	SCHOOL PERFORMANCES	900.00
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Northeast Annexation

379266 CONTRA COSTA CO PUBLIC WORKS	PERMIT FEE	305.48
379382 BKF ENGINEERS INC	PROFESSIONAL SERVICES	602.27

376 Lone Diamond Fund

Assessment District

379389 CENTRAL SELF STORAGE ANTIOCH	STORAGE	277.00
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416 Honeywell Capital Lease Fund

Non Departmental

379253 BANK OF AMERICA	DEBT SERVICE PAYMENT	45,427.96
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570 Equipment Maintenance Fund

Equipment Maintenance

379249 ANTIOCH AUTO PARTS	AUTO PARTS	986.35
379302 OREILLY AUTO PARTS	AUTO PARTS	3,692.69
379331 WALNUT CREEK FORD	AUTO PARTS	782.16
379374 ANTIOCH AUTO PARTS	AUTO PARTS	1,289.93
379390 CHUCKS BRAKE AND WHEEL SERV.	REPAIR SERVICES	645.28
379464 TRED SHED, THE	PARTS	282.06
379479 ARROWHEAD 24 HOUR TOWING INC	TOWING SERVICES	52.50
379490 BAY AREA AIR QUALITY MANAGE.	PERMIT FEE	931.00
379522 EMISSIONS RETROFIT GROUP INC	REPAIRS	916.26
379534 HARLEY DAVIDSON	REPAIR PARTS	64.95
379559 MAKAI SOLUTIONS	SERVICE CALL	425.00
379566 OCONNELL JETTING	PARTS	695.90
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	519.39
379602 WEST MARINE	SUPPLIES	70.67
933371 COMPUTERLAND	COMPUTER EQUIPMENT	357.13
933530 BIG SKY ENTERPRISES INC	HAZARD WASTE DISPOSAL	1,024.25
933545 PETERSON	PARTS	204.69
933546 RAY MORGAN COMPANY	COPIER USAGE	113.35

573 Information Services Fund

Non Departmental

379488 BANK OF AMERICA	COMPUTER PURCHASE - J LEWIS	1,038.11
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Information Services

379483 AT AND T MCI	PHONE	152.66
379485 BANK OF AMERICA	PORTFOLIOS	94.85
379600 VERIZON WIRELESS	DATA USAGE	381.78

Network Support & PCs

379261 COMCAST	CONNECTION SERVICES	1,648.22
379262 COMCAST	CONNECTION SERVICES	108.33
379263 COMCAST	CONNECTION SERVICES	161.89
379393 COMCAST	CONNECTION SERVICES	114.02
379483 AT AND T MCI	PHONE	664.94
379501 COMCAST	CONNECTION SERVICES	1,648.22
379564 NEW HORIZONS COMPUTER	SOFTWARE	3,034.50
933534 DIGITAL SERVICES	WEBSITE MAINTENANCE	3,590.00
933546 RAY MORGAN COMPANY	COPIER USAGE	40.69

Telephone System

379481 AT AND T MCI	PHONE	21.19
379482 AT AND T MCI	PHONE	873.40
379483 AT AND T MCI	PHONE	4,393.55
379547 KIS	MAINTENANCE SERVICES	2,562.00

GIS Support Services

379567 OFFICE MAX INC	OFFICE SUPPLIES	95.48
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Office Equipment Replacement

933532 COMPUTERLAND	COMPUTER EQUIPMENT	5,641.37
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577 Post Retirement Medical-Police Fund

Non Departmental

379335 RETIREE	MEDICAL AFTER RETIREMENT	1,400.50
379336 RETIREE	MEDICAL AFTER RETIREMENT	768.25
379340 RETIREE	MEDICAL AFTER RETIREMENT	1,074.62
379341 RETIREE	MEDICAL AFTER RETIREMENT	1,400.50
379343 RETIREE	MEDICAL AFTER RETIREMENT	1,093.20
379352 RETIREE	MEDICAL AFTER RETIREMENT	1,400.50
379353 RETIREE	MEDICAL AFTER RETIREMENT	955.99
379355 RETIREE	MEDICAL AFTER RETIREMENT	1,239.98
379360 RETIREE	MEDICAL AFTER RETIREMENT	248.13
379363 RETIREE	MEDICAL AFTER RETIREMENT	1,400.50
379367 RETIREE	MEDICAL AFTER RETIREMENT	511.48
933378 RETIREE	MEDICAL AFTER RETIREMENT	511.48

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933379 RETIREE	MEDICAL AFTER RETIREMENT	1,861.45
933383 RETIREE	MEDICAL AFTER RETIREMENT	955.99
933385 RETIREE	MEDICAL AFTER RETIREMENT	1,400.50
933386 RETIREE	MEDICAL AFTER RETIREMENT	1,022.99
933390 RETIREE	MEDICAL AFTER RETIREMENT	1,400.50
933391 RETIREE	MEDICAL AFTER RETIREMENT	1,124.82
933402 RETIREE	MEDICAL AFTER RETIREMENT	972.43
933404 RETIREE	MEDICAL AFTER RETIREMENT	886.00
933407 RETIREE	MEDICAL AFTER RETIREMENT	584.82
933409 RETIREE	MEDICAL AFTER RETIREMENT	1,332.57
933419 RETIREE	MEDICAL AFTER RETIREMENT	1,536.50
933423 RETIREE	MEDICAL AFTER RETIREMENT	1,400.50
933424 RETIREE	MEDICAL AFTER RETIREMENT	886.00
933425 RETIREE	MEDICAL AFTER RETIREMENT	1,400.50
933436 RETIREE	MEDICAL AFTER RETIREMENT	187.74
933438 RETIREE	MEDICAL AFTER RETIREMENT	248.13
933441 RETIREE	MEDICAL AFTER RETIREMENT	511.48
933442 RETIREE	MEDICAL AFTER RETIREMENT	1,344.66
933443 RETIREE	MEDICAL AFTER RETIREMENT	275.71
933444 RETIREE	MEDICAL AFTER RETIREMENT	1,400.50
933449 RETIREE	MEDICAL AFTER RETIREMENT	187.74
933463 RETIREE	MEDICAL AFTER RETIREMENT	1,089.10
933464 RETIREE	MEDICAL AFTER RETIREMENT	632.25
933465 RETIREE	MEDICAL AFTER RETIREMENT	258.83
933476 RETIREE	MEDICAL AFTER RETIREMENT	1,400.50
933477 RETIREE	MEDICAL AFTER RETIREMENT	584.82
933478 RETIREE	MEDICAL AFTER RETIREMENT	955.99
933480 RETIREE	MEDICAL AFTER RETIREMENT	1,016.38
933489 RETIREE	MEDICAL AFTER RETIREMENT	1,014.04
933490 RETIREE	MEDICAL AFTER RETIREMENT	1,423.72
933499 RETIREE	MEDICAL AFTER RETIREMENT	1,400.50
933501 RETIREE	MEDICAL AFTER RETIREMENT	768.25
933505 RETIREE	MEDICAL AFTER RETIREMENT	511.48
933508 RETIREE	MEDICAL AFTER RETIREMENT	248.13
933516 RETIREE	MEDICAL AFTER RETIREMENT	632.25
933518 RETIREE	MEDICAL AFTER RETIREMENT	67.50
933519 RETIREE	MEDICAL AFTER RETIREMENT	632.25
933529 RETIREE	MEDICAL AFTER RETIREMENT	573.08
933531 RETIREE	MEDICAL AFTER RETIREMENT	1,861.45

578 Post Retirement Medical-Misc Fund

Prepared By: Lauren Posada
 Finance Accounting

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Non Departmental

379334 RETIREE	MEDICAL AFTER RETIREMENT	218.69
379342 RETIREE	MEDICAL AFTER RETIREMENT	100.69
379344 RETIREE	MEDICAL AFTER RETIREMENT	100.69
379346 RETIREE	MEDICAL AFTER RETIREMENT	709.38
379350 RETIREE	MEDICAL AFTER RETIREMENT	218.69
379357 RETIREE	MEDICAL AFTER RETIREMENT	100.69
379358 RETIREE	MEDICAL AFTER RETIREMENT	337.38
379359 RETIREE	MEDICAL AFTER RETIREMENT	100.69
379362 RETIREE	MEDICAL AFTER RETIREMENT	100.69
379365 RETIREE	MEDICAL AFTER RETIREMENT	100.00
379366 RETIREE	MEDICAL AFTER RETIREMENT	100.69
379368 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933377 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933380 RETIREE	MEDICAL AFTER RETIREMENT	258.83
933381 RETIREE	MEDICAL AFTER RETIREMENT	163.37
933384 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933389 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933394 RETIREE	MEDICAL AFTER RETIREMENT	218.69
933396 RETIREE	MEDICAL AFTER RETIREMENT	218.69
933398 RETIREE	MEDICAL AFTER RETIREMENT	218.69
933399 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933400 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933403 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933410 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933413 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933418 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933421 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933422 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933429 RETIREE	MEDICAL AFTER RETIREMENT	709.38
933430 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933431 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933432 RETIREE	MEDICAL AFTER RETIREMENT	117.78
933437 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933440 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933446 RETIREE	MEDICAL AFTER RETIREMENT	218.69
933447 RETIREE	MEDICAL AFTER RETIREMENT	218.69
933451 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933454 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933456 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933457 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933461 RETIREE	MEDICAL AFTER RETIREMENT	100.69

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933471 RETIREE	MEDICAL AFTER RETIREMENT	187.74
933472 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933473 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933482 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933485 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933488 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933494 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933504 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933507 RETIREE	MEDICAL AFTER RETIREMENT	187.74
933515 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933517 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933527 RETIREE	MEDICAL AFTER RETIREMENT	47.40
933540 RETIREE	MEDICAL AFTER RETIREMENT	207.38
933542 RETIREE	MEDICAL AFTER RETIREMENT	414.76

579 Post Retirement Medical-Mgmt Fund

Non Departmental

379338 RETIREE	MEDICAL AFTER RETIREMENT	877.90
379339 RETIREE	MEDICAL AFTER RETIREMENT	158.69
379345 RETIREE	MEDICAL AFTER RETIREMENT	218.69
379347 RETIREE	MEDICAL AFTER RETIREMENT	187.74
379348 RETIREE	MEDICAL AFTER RETIREMENT	400.00
379349 RETIREE	MEDICAL AFTER RETIREMENT	573.38
379351 RETIREE	MEDICAL AFTER RETIREMENT	1,861.45
379354 RETIREE	MEDICAL AFTER RETIREMENT	337.38
379356 RETIREE	MEDICAL AFTER RETIREMENT	738.38
379361 RETIREE	MEDICAL AFTER RETIREMENT	877.90
379364 RETIREE	MEDICAL AFTER RETIREMENT	1,861.45
933382 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933387 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933388 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933392 RETIREE	MEDICAL AFTER RETIREMENT	190.74
933393 RETIREE	MEDICAL AFTER RETIREMENT	187.74
933395 RETIREE	MEDICAL AFTER RETIREMENT	158.70
933397 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933401 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933405 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933406 RETIREE	MEDICAL AFTER RETIREMENT	573.38
933408 RETIREE	MEDICAL AFTER RETIREMENT	709.38
933411 RETIREE	MEDICAL AFTER RETIREMENT	653.66
933412 RETIREE	MEDICAL AFTER RETIREMENT	163.37
933414 RETIREE	MEDICAL AFTER RETIREMENT	1,013.90

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933415 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933416 RETIREE	MEDICAL AFTER RETIREMENT	453.38
933417 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933420 RETIREE	MEDICAL AFTER RETIREMENT	258.83
933426 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933427 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933428 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933433 RETIREE	MEDICAL AFTER RETIREMENT	416.80
933434 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933435 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933445 RETIREE	MEDICAL AFTER RETIREMENT	358.41
933448 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933450 RETIREE	MEDICAL AFTER RETIREMENT	877.90
933452 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933453 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933455 RETIREE	MEDICAL AFTER RETIREMENT	1,400.50
933458 RETIREE	MEDICAL AFTER RETIREMENT	46.16
933459 RETIREE	MEDICAL AFTER RETIREMENT	1,016.38
933460 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933462 RETIREE	MEDICAL AFTER RETIREMENT	1,246.85
933466 RETIREE	MEDICAL AFTER RETIREMENT	258.83
933467 RETIREE	MEDICAL AFTER RETIREMENT	158.69
933468 RETIREE	MEDICAL AFTER RETIREMENT	1,861.45
933469 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933470 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933474 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933475 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933479 RETIREE	MEDICAL AFTER RETIREMENT	610.47
933481 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933483 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933484 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933486 RETIREE	MEDICAL AFTER RETIREMENT	218.69
933487 RETIREE	MEDICAL AFTER RETIREMENT	158.70
933491 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933492 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933493 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933495 RETIREE	MEDICAL AFTER RETIREMENT	258.83
933496 RETIREE	MEDICAL AFTER RETIREMENT	653.66
933497 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933498 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933500 RETIREE	MEDICAL AFTER RETIREMENT	453.38
933502 RETIREE	MEDICAL AFTER RETIREMENT	223.89

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933503 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933506 RETIREE	MEDICAL AFTER RETIREMENT	709.38
933509 RETIREE	MEDICAL AFTER RETIREMENT	337.38
933510 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933511 RETIREE	MEDICAL AFTER RETIREMENT	229.69
933512 RETIREE	MEDICAL AFTER RETIREMENT	1,652.77
933513 RETIREE	MEDICAL AFTER RETIREMENT	100.69
933514 RETIREE	MEDICAL AFTER RETIREMENT	1,861.45
933543 RETIREE	MEDICAL AFTER RETIREMENT	988.82

611 Water Fund

Non Departmental

379255 BLACK AND VEATCH CORP	CHECK REPLACEMENT	2,794.57
379286 WILCO SUPPLY	SUPPLIES	87.78
379311 ROUNSAVILLE, BEVERLY	CHECK REPLACEMENT	10.56
379372 AMERICAN TEXTILE AND SUPPLY	SUPPLIES	399.66
379380 BIG SKY LOGOS AND EMBROIDERY	UNIFORMS	482.33
379423 WILCO SUPPLY	SUPPLIES	244.74
379495 BISHOP CO	SUPPLIES	655.18
379557 LOWES COMPANIES INC	SUPPLIES	691.30
933523 GRAINGER INC	SUPPLIES	326.75

Water Supervision

379275 DIABLO LIVE SCAN	FINGERPRINTING	20.00
379380 BIG SKY LOGOS AND EMBROIDERY	UNIFORMS	49.71
379436 OFFICE MAX INC	OFFICE SUPPLIES	161.52
379519 CRWA	TRAINING	575.00
379565 NEXTEL SPRINT	CELL PHONE EQUIPMENT	1,013.32
379567 OFFICE MAX INC	OFFICE SUPPLIES	33.90

Water Production

379246 ALAMEDA ELECTRICAL DISTRIBUTOR	MAINTENANCE SERVICES	2,050.62
379248 ANIMAL DAMAGE MANAGEMENT	PROFESSIONAL SERVICES	425.00
379250 ARAMARK UNIFORM SERVICES	SUPPLIES	145.92
379271 CONTRA COSTA WATER DISTRICT	RAW WATER	819,744.44
379279 FASTENAL CO	SUPPLIES	31.16
379306 PETERSON	MAINTENANCE SERVICES	6,670.56
379307 POLYDYNE INC	POLYMER	2,737.69
379310 REINHOLDT ENGINEERING CONST.	PROFESSIONAL SERVICES	1,200.00
379316 SOLVAY CHEMICALS INC	FLUORIDE	6,229.73
379328 UNIVAR USA INC	CAUSTIC	8,129.60

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379375 ARAMARK UNIFORM SERVICES	MAINTENANCE SERVICES	48.62
379413 ENVIRONMENTAL RESOURCE ASSOC I	TESTING	992.05
379418 HACH CO	LAB SUPPLIES	301.83
379436 OFFICE MAX INC	OFFICE SUPPLIES	76.56
379460 SWAN ANALYTICAL INSTRUMENTS	MAINTENANCE SERVICES	4,907.25
379467 VLAMING AND ASSOCIATES	PROFESSIONAL SERVICES	680.00
379468 WALTER BISHOP CONSULTING	PROFESSIONAL SERVICES	5,881.06
379477 ARAMARK UNIFORM SERVICES	EQUIPMENT RENTAL	48.62
379482 AT AND T MCI	PHONE	304.24
379483 AT AND T MCI	PHONE	2,229.09
379499 CITY OF BRENTWOOD	GROUNDWATER SUPPORT	1,034.00
379519 CRWA	TRAINING	1,150.00
379549 LAW OFFICE OF MATTHEW EMRICK	WATER RIGHTS	7,252.00
379557 LOWES COMPANIES INC	SUPPLIES	286.63
379565 NEXTEL SPRINT	CELL PHONE	45.56
379570 PACIFIC GAS AND ELECTRIC CO	GAS	71,784.35
379589 SOUTHWEST VALVE LLC	SUPPLIES	1,672.56
379599 US BANK	COPIER LEASE	78.94
933372 EVOQUA WATER TECHNOLOGIES	SUPPLIES	2,643.00
933373 ICR ELECTRICAL CONTRACTORS	ELECTRICAL SERVICES	7,187.45
933522 CONSOLIDATED ELECTRICAL DIST	PARTS	22.79
933535 EUROFINS EATON ANALYTICAL INC	TESTING	85.00
933537 GRAINGER INC	SUPPLIES	816.08
933541 LEES BUILDING MAINTENANCE	JANITORIAL SERVICES	338.00

Water Distribution

379249 ANTIOCH AUTO PARTS	PARTS	31.95
379261 COMCAST	CONNECTION SERVICES	1,053.49
379275 DIABLO LIVE SCAN	FINGERPRINTING	9.00
379380 BIG SKY LOGOS AND EMBROIDERY	UNIFORMS	230.75
379403 DELTA DIABLO	RECYCLED WATER	7,706.78
379433 NCBPA	ANNUAL MEMBERSHIP	400.00
379435 OCT ACADEMY MCCLELLAN PARK	TRAINING MATERIALS	1,317.49
379435 OCT ACADEMY MCCLELLAN PARK	TRAINING	4,750.00
379440 POLLARDWATER	WATER DIST	309.81
379453 SLICK, KASEY JORDAN	LIC FEE REIMBURSEMENT	76.00
379483 AT AND T MCI	PHONE	41.46
379501 COMCAST	CONNECTION SERVICES	1,029.52
379520 CWEA SFBS	MEMBERSHIP RENEWAL	280.00
379530 G AND S PAVING INC	ASPHALT REPAIRS	21,118.10
379535 HELLO DIRECT	HEADSETS FOR CSR	65.23
379557 LOWES COMPANIES INC	SUPPLIES	800.53

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379563 NALEZNY, ROBERT TRAVIS	EXPENSE REIMBURSEMENT	76.00
379565 NEXTEL SPRINT	CELL PHONE	637.68
379567 OFFICE MAX INC	OFFICE SUPPLIES	121.31
379580 RICHMOND MACHINE & ENGINEER	BACKFLOW CAGES-VARIOUS SIZES	4,770.00
379581 SABRE BACKFLOW INC	REPAIR/CAL. BF TEST KITS	181.59
379582 SAFETY CENTER INC	FIRST AID/CPR FOR PW	366.67
933546 RAY MORGAN COMPANY	COPY MACHINE REPAIR	288.53

Water Meter Reading

379380 BIG SKY LOGOS AND EMBROIDERY	UNIFORMS	365.14
379388 CANVAS FACTORY	PARTS	1,407.25
379535 HELLO DIRECT	HEADSETS	65.24
379557 LOWES COMPANIES INC	SUPPLIES	143.47
379565 NEXTEL SPRINT	CELL PHONE	62.30

Public Buildings & Facilities

379332 WOODARD AND CURRAN	PROFESSIONAL SERVICES	3,657.50
933520 CAROLLO ENGINEERS INC	PROFESSIONAL SERVICES	218,791.34

Warehouse & Central Stores

379565 NEXTEL SPRINT	CELL PHONE	65.73
933546 RAY MORGAN COMPANY	COPIER USAGE	67.91

621 Sewer Fund

Sewer-Wastewater Supervision

933546 RAY MORGAN COMPANY	COPIER USAGE	414.48
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Sewer-Wastewater Collection

379261 COMCAST	CONNECTION SERVICES	1,053.49
379275 DIABLO LIVE SCAN	FINGERPRINTING	9.00
379305 PATRIOT ENVIRONMENTAL SERVICE	PROFESSIONAL SERVICES	8,264.75
379380 BIG SKY LOGOS AND EMBROIDERY	UNIFORMS	124.69
379483 AT AND T MCI	PHONE	90.37
379501 COMCAST	CONNECTION SERVICES	1,029.51
379530 G AND S PAVING INC	ASPHALT REPAIRS	21,118.10
379535 HELLO DIRECT	HEADSETS	130.47
379557 LOWES COMPANIES INC	SUPPLIES	882.34
379560 MCCAMPBELL ANALYTICAL INC	TESTING	918.00
379565 NEXTEL SPRINT	CELL PHONE	1,101.72
379575 PORTER, CLEVELAND J	MEMBERSHIP REIMBURSEMENT	188.00
933375 SCOTTO, CHARLES W AND DONNA	BUILDING LEASE	4,750.00
933547 RED WING SHOE STORE	SAFETY SHOES - ROMANO	285.74

CITY OF ANTIOCH
 CLAIMS BY FUND REPORT
 FOR THE PERIOD OF
 JANUARY 25 - FEBRUARY 14, 2019
 FUND/CHECK#

631 Marina Fund

Non Departmental

379320 STATE BOARD OF EQUALIZATION	SALES TAX REMITTANCE	1,770.00
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Marina Administration

379498 CALIFORNIA DELTA CHAMBERS	DELTA CHAMBERS DUES	165.00
379565 NEXTEL SPRINT	CELL PHONE	57.78
379570 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	5,581.64
379577 RECREATION PUBLICATIONS	ADVERTISING	2,759.50
379592 STATE CONTROLLERS OFFICE	FUEL TAX	255.24
933546 RAY MORGAN COMPANY	COPIER USAGE	81.19

Marina Maintenance

379380 BIG SKY LOGOS AND EMBROIDERY	UNIFORMS	74.30
379557 LOWES COMPANIES INC	SUPPLIES	88.73
933541 LEES BUILDING MAINTENANCE	JANITORIAL SERVICES	1,375.00

Marina Boat Launch

379557 LOWES COMPANIES INC	SUPPLIES	88.55
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641 Prewett Water Park Fund

Non Departmental

379319 STATE BOARD OF EQUALIZATION	SALES TAX REMITTANCE	78.64
379537 HUB INTERNATIONAL OF CA INSURA	EVENT INSURANCE	256.08

Recreation Water Park

379274 DEL CONTE'S LANDSCAPING INC	LANDSCAPE SERVICES	2,649.00
379309 RED CROSS STORE	TRAINING	35.00
379483 AT AND T MCI	PHONE	239.13
379536 HONEYWELL INTERNATIONAL INC	HVAC SERVICES	499.25
379548 KNORR SYSTEMS INC	CHEMICALS	256.65
379557 LOWES COMPANIES INC	SUPPLIES	263.54
379565 NEXTEL SPRINT	CELL PHONE	33.44
379567 OFFICE MAX INC	OFFICE SUPPLIES	57.13
379570 PACIFIC GAS AND ELECTRIC CO	GAS	11,285.22
933533 CONSOLIDATED ELECTRICAL DIST	SUPPLIES	338.81
933537 GRAINGER INC	SUPPLIES	1,065.65
933546 RAY MORGAN COMPANY	COPIER USAGE	141.17

CITY OF ANTIOCH
 CLAIMS BY FUND REPORT
 FOR THE PERIOD OF
 JANUARY 25 - FEBRUARY 14, 2019
 FUND/CHECK#

721 Employee Benefits Fund

Non Departmental

379259 CITY SPORTS CLUB	PAYROLL DEDUCTIONS	54.98
379268 CONTRA COSTA COUNTY	PAYROLL DEDUCTIONS	400.00
379276 DIAMOND HILLS SPORT CLUB	PAYROLL DEDUCTIONS	146.00
379288 ILKB 110 FOR LIFE INC	PAYROLL DEDUCTIONS	125.00
379289 IN SHAPE HEALTH CLUBS	PAYROLL DEDUCTIONS	809.99
379290 IRVIN DEUTSCHER YMCA	PAYROLL DEDUCTIONS	50.00
379292 LINA	PAYROLL DEDUCTIONS	3,329.56
379298 MUNICIPAL POOLING AUTHORITY	PAYROLL DEDUCTIONS	1,889.69
379301 OPERATING ENGINEERS LOCAL NO 3	PAYROLL DEDUCTIONS	3,136.00
379304 PARS	PAYROLL DEDUCTIONS	4,039.53
379318 STANDARD LIFE INSURANCE	PAYROLL DEDUCTIONS	801.25
379321 STATE OF CALIFORNIA	PAYROLL DEDUCTIONS	200.00
379322 STATE OF CALIFORNIA	PAYROLL DEDUCTIONS	53.41
379369 AFLAC	PAYROLL DEDUCTIONS	5,230.84
379383 BLUE SHIELD LIFE	PAYROLL DEDUCTIONS	3,388.40
379392 COLONIAL LIFE	PAYROLL DEDUCTIONS	407.06
379402 DELTA DENTAL	PAYROLL DEDUCTIONS	36,974.87
379508 CONTRA COSTA COUNTY	PAYROLL DEDUCTIONS	50.00
379509 CONTRA COSTA COUNTY	PAYROLL DEDUCTIONS	400.00
379552 LINA	PAYROLL DEDUCTIONS	3,348.63
379562 MUNICIPAL POOLING AUTHORITY	PAYROLL DEDUCTIONS	2,061.13
379572 PARS	PAYROLL DEDUCTIONS	3,746.27
379593 STATE OF CALIFORNIA	PAYROLL DEDUCTIONS	200.00
379594 STATE OF CALIFORNIA	PAYROLL DEDUCTIONS	53.41
933368 ANTIOCH PD SWORN MGMT ASSOC	PAYROLL DEDUCTIONS	440.00
933369 ANTIOCH POLICE OFFICERS ASSOC	PAYROLL DEDUCTIONS	20,318.14
933370 ANTIOCH PUBLIC WORKS EMPLOYEE	PAYROLL DEDUCTIONS	3,758.55
933374 NATIONWIDE RETIREMENT SOLUTION	PAYROLL DEDUCTIONS	41,909.39
933376 VANTAGEPOINT TRANSFER AGENTS	PAYROLL DEDUCTIONS	3,368.47
933544 NATIONWIDE RETIREMENT SOLUTION	PAYROLL DEDUCTIONS	42,044.55
933550 VANTAGEPOINT TRANSFER AGENTS	PAYROLL DEDUCTIONS	3,368.47



REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of February 26, 2019

TO: Honorable Mayor and Members of the City Council

SUBMITTED BY: James Davis, City Treasurer *JD*

SUBJECT: Treasurer's Report – January 2019

RECOMMENDED ACTION

It is recommended that the City Council receive and file the January 2019 Treasurer's Report.

STRATEGIC PURPOSE

This action is essential to Strategy O-3 in the Strategic Plan: Ensure financial records and reports are accurate, reliable and timely.

FISCAL IMPACT

There is no fiscal impact of this action.

DISCUSSION

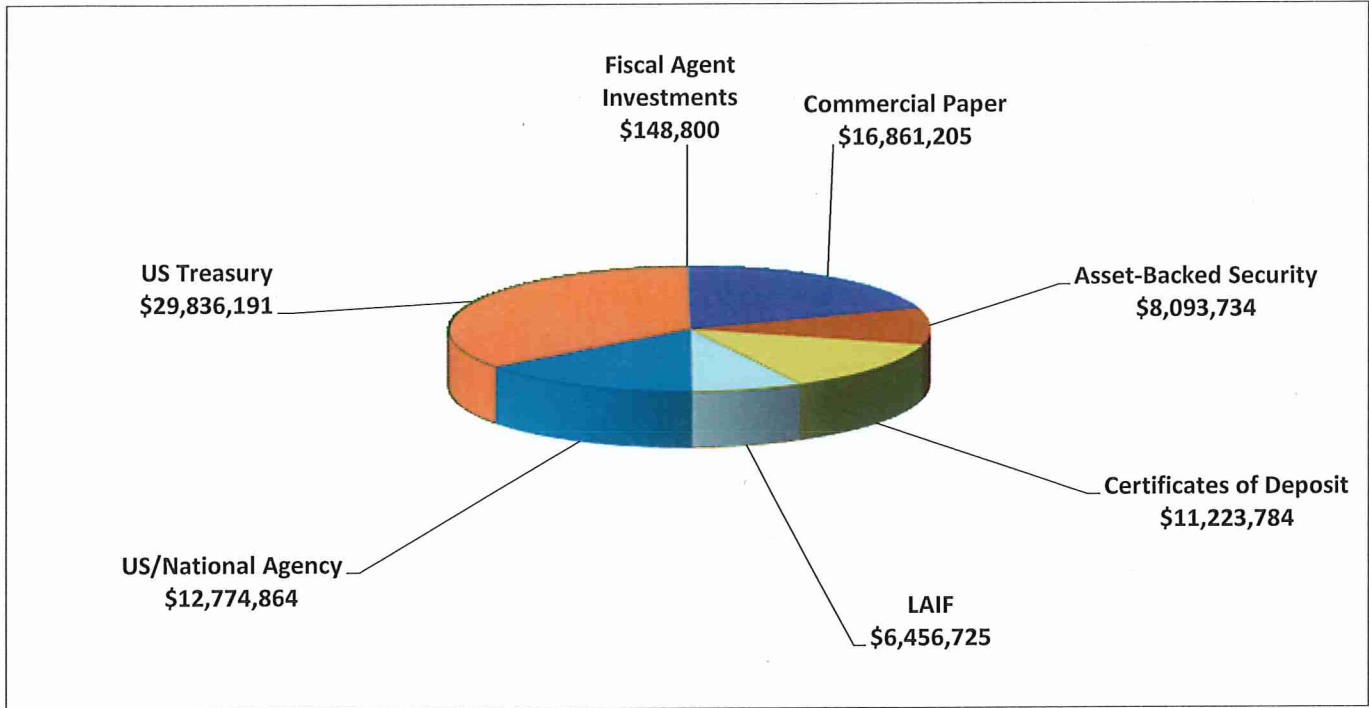
The City's *Statement of Investment Policy* (Policy) requires that the City Treasurer render, at least quarterly, an investment report to the City Council. The Policy also requires a monthly report of investment transactions to City Council. A monthly Treasurer's Report is provided to comply with both reporting provisions of the Policy.

ATTACHMENT

A. Treasurer's Report

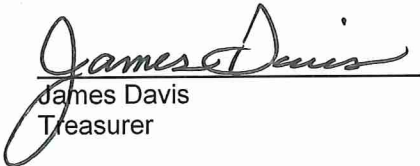
CITY OF ANTIOCH
SUMMARY REPORT ON THE CITY'S INVESTMENTS

January 31, 2019



Total of City and Fiscal Agent Investments = \$85,395,303

All City investments are shown above and conform to the City Investment Policy. All investment transactions during this period are included in this report. As Treasurer of the City of Antioch and Finance Director of the City of Antioch, we hereby certify that sufficient investment liquidity and anticipated revenue are available to meet the next six (6) months' estimated expenditures.


James Davis
Treasurer


Dawn Merchant
Finance Director

**Summary of Fiscal Agent Balances by
Debt Issue**

	<u>Amount</u>
Antioch Public Financing Authority 2015 Bonds	335
Antioch Development Agency 2009 Tax Allocation Bonds	148,465
	<u><u>\$148,800</u></u>



Managed Account Issuer Summary

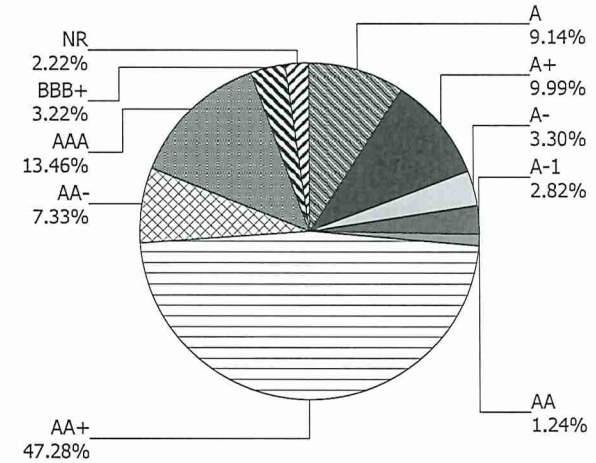
For the Month Ending January 31, 2019

CITY OF ANTIOCH, CA - 04380500

Issuer Summary

Issuer	Market Value of Holdings	Percent
3M COMPANY	176,590.40	0.22
ALLY AUTO RECEIVABLES TRUST	213,139.96	0.27
AMERICAN EXPRESS CO	1,372,134.39	1.74
AMERICAN HONDA FINANCE	746,789.97	0.95
BANK OF AMERICA CO	1,245,321.89	1.58
BANK OF MONTREAL	726,976.35	0.92
BANK OF NOVA SCOTIA	754,488.75	0.96
BB&T CORPORATION	722,250.80	0.92
CALIFORNIA ST	847,822.30	1.08
CANADIAN IMPERIAL BANK OF COMMERCE	751,296.00	0.96
CARMAX AUTO OWNER TRUST	629,697.60	0.80
CATERPILLAR INC	743,965.97	0.95
CHARLES SCHWAB	352,526.30	0.45
CITIGROUP INC	1,513,722.07	1.92
CREDIT AGRICOLE SA	750,682.50	0.95
CREDIT SUISSE GROUP	750,342.75	0.95
DEERE & COMPANY	964,292.50	1.23
EXXON MOBIL CORP	371,994.00	0.47
FANNIE MAE	5,091,024.18	6.48
FEDERAL HOME LOAN BANKS	1,595,934.90	2.03
FORD CREDIT AUTO LEASE TRUST	315,954.42	0.40
FREDDIE MAC	386,978.70	0.49
GENERAL DYNAMICS CORP	435,977.88	0.55
GM FINANCIAL AUTO LEASING TRUST	230,566.65	0.29
GM FINANCIAL SECURITIZED TERM	446,488.79	0.57
GOLDMAN SACHS GROUP INC	723,449.23	0.92
HERSHEY COMPANY	281,219.96	0.36
HOME DEPOT INC	569,308.17	0.72
HONDA AUTO RECEIVABLES	744,170.94	0.95
HSBC HOLDINGS PLC	243,475.61	0.31
HYUNDAI AUTO RECEIVABLES	469,105.55	0.60
IBM CORP	745,585.13	0.95

Credit Quality (S&P Ratings)





Managed Account Issuer Summary

For the Month Ending **January 31, 2019**

CITY OF ANTIOCH, CA - 04380500

Issuer	Market Value of Holdings	Percent
INTEL CORPORATION	470,573.00	0.60
INTER-AMERICAN DEVELOPMENT BANK	1,559,667.87	1.98
INTERNATIONAL FINANCE CORPORATION	724,818.75	0.92
INTL BANK OF RECONSTRUCTION AND DEV	1,783,043.79	2.27
JOHNSON & JOHNSON	152,909.83	0.19
JP MORGAN CHASE & CO	720,423.08	0.92
MERCEDES-BENZ AUTO LEASE TRUST	763,558.02	0.97
mitsubishi UFJ FINANCIAL GROUP INC	746,131.50	0.95
MORGAN STANLEY	719,348.65	0.91
NATIONAL RURAL UTILITIES CO FINANCE CORP	299,591.70	0.38
NISSAN AUTO RECEIVABLES	780,778.71	0.99
NORDEA BANK AB	751,203.00	0.95
PACCAR FINANCIAL CORP	435,846.60	0.55
PFIZER INC	453,376.80	0.58
ROYAL BANK OF CANADA	956,548.35	1.22
SKANDINAVISKA ENSKILDA BANKEN AB	1,469,240.13	1.87
STATE OF CONNECTICUT	786,883.05	1.00
SUMITOMO MITSUI FINANCIAL GROUP INC	758,595.75	0.96
SWEDBANK AB	740,314.50	0.94
THE BANK OF NEW YORK MELLON CORPORATION	695,631.95	0.88
THE WALT DISNEY CORPORATION	855,451.93	1.09
TOYOTA MOTOR CORP	1,825,794.36	2.32
UBS AG	752,088.75	0.96
UNILEVER PLC	746,273.53	0.95
UNITED PARCEL SERVICE INC	432,383.16	0.55
UNITED STATES TREASURY	29,742,337.63	37.82
VISA INC	198,702.40	0.25
VOLKSWAGEN OF AMERICA	590,288.22	0.75
WAL-MART STORES INC	525,603.52	0.67
WESTPAC BANKING CORP	1,313,157.15	1.67
Total	\$78,663,840.29	100.00%



Managed Account Detail of Securities Held

For the Month Ending **January 31, 2019**

CITY OF ANTIOCH, CA - 04380500

Security Type/Description	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury Bond / Note											
US TREASURY NOTES DTD 03/02/2015 1.375% 02/29/2020	912828J50	1,450,000.00	AA+	Aaa	08/31/17	09/01/17	1,449,943.36	1.38	8,481.70	1,449,975.48	1,431,875.00
US TREASURY NOTES DTD 04/30/2015 1.375% 04/30/2020	912828K58	1,025,000.00	AA+	Aaa	04/03/17	04/05/17	1,020,395.51	1.53	3,620.77	1,023,111.11	1,010,826.30
US TREASURY NOTES DTD 04/30/2015 1.375% 04/30/2020	912828K58	1,250,000.00	AA+	Aaa	04/07/17	04/10/17	1,243,554.69	1.55	4,415.57	1,247,343.25	1,232,715.00
US TREASURY NOTES DTD 04/30/2015 1.375% 04/30/2020	912828K58	2,000,000.00	AA+	Aaa	07/19/17	07/19/17	1,994,140.63	1.48	7,064.92	1,997,359.22	1,972,344.00
US TREASURY NOTES DTD 06/30/2015 1.625% 06/30/2020	912828XH8	2,700,000.00	AA+	Aaa	06/26/17	06/28/17	2,709,703.13	1.50	3,878.45	2,704,611.20	2,666,987.10
US TREASURY NOTES DTD 07/31/2015 1.625% 07/31/2020	912828XM7	1,075,000.00	AA+	Aaa	07/05/17	07/07/17	1,075,671.87	1.60	48.26	1,075,334.16	1,061,016.40
US TREASURY NOTES DTD 10/31/2015 1.375% 10/31/2020	912828L99	200,000.00	AA+	Aaa	10/17/17	10/17/17	198,031.25	1.71	706.49	198,858.57	196,187.60
US TREASURY NOTES DTD 11/30/2015 1.625% 11/30/2020	912828M98	860,000.00	AA+	Aaa	11/01/17	11/03/17	856,271.09	1.77	2,418.75	857,762.31	846,730.20
US TREASURY NOTES DTD 12/31/2015 1.750% 12/31/2020	912828N48	750,000.00	AA+	Aaa	12/04/17	12/06/17	745,253.91	1.96	1,160.22	747,012.35	740,127.00
US TREASURY NOTES DTD 12/31/2015 1.750% 12/31/2020	912828N48	1,700,000.00	AA+	Aaa	12/01/17	12/05/17	1,691,898.44	1.91	2,629.83	1,694,907.33	1,677,621.20
US TREASURY NOTES DTD 01/31/2016 1.375% 01/31/2021	912828N89	1,500,000.00	AA+	Aaa	01/02/18	01/04/18	1,470,000.00	2.05	56.98	1,480,295.66	1,468,008.00
US TREASURY NOTES DTD 06/02/2014 2.000% 05/31/2021	912828WN6	2,900,000.00	AA+	Aaa	06/04/18	06/06/18	2,848,457.03	2.62	10,038.46	2,859,477.23	2,869,526.80
US TREASURY NOTES DTD 06/30/2014 2.125% 06/30/2021	912828WR7	1,300,000.00	AA+	Aaa	07/03/18	07/06/18	1,280,093.75	2.66	2,441.99	1,283,795.34	1,289,945.80
US TREASURY NOTES DTD 08/15/2018 2.750% 08/15/2021	9128284W7	550,000.00	AA+	Aaa	10/02/18	10/04/18	547,916.02	2.89	6,987.09	548,153.29	553,909.95



Managed Account Detail of Securities Held

For the Month Ending **January 31, 2019**

CITY OF ANTIOCH, CA - 04380500

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury Bond / Note											
US TREASURY NOTES DTD 08/15/2018 2.750% 08/15/2021	9128284W7	725,000.00	AA+	Aaa	09/12/18	09/14/18	723,838.87	2.81	9,210.26	723,992.42	730,154.03
US TREASURY NOTES DTD 08/15/2018 2.750% 08/15/2021	9128284W7	2,550,000.00	AA+	Aaa	09/05/18	09/07/18	2,552,091.80	2.72	32,394.70	2,551,837.07	2,568,127.95
US TREASURY NOTES DTD 10/31/2014 2.000% 10/31/2021	912828F96	1,600,000.00	AA+	Aaa	11/02/18	11/02/18	1,556,375.00	2.96	8,220.99	1,559,904.70	1,581,062.40
UNITED STATES TREASURY NOTES DTD 01/15/2019 2.500% 01/15/2022	9128285V8	2,300,000.00	AA+	Aaa	01/29/19	01/31/19	2,296,675.78	2.55	2,700.28	2,296,678.87	2,303,953.70
US TREASURY NOTES DTD 01/31/2017 1.875% 01/31/2022	912828V72	3,600,000.00	AA+	Aaa	01/07/19	01/09/19	3,534,468.75	2.50	186.46	3,535,781.08	3,541,219.20
Security Type Sub-Total		30,035,000.00					29,794,780.88	2.17	106,662.17	29,836,190.64	29,742,337.63
Supra-National Agency Bond / Note											
INTL BANK OF RECONSTRUCTION AND DEV NOTE DTD 09/19/2017 1.561% 09/12/2020	45905UP32	725,000.00	AAA	Aaa	09/12/17	09/19/17	723,260.00	1.64	4,369.72	724,047.05	712,783.75
INTER-AMERICAN DEVELOPMENT BANK DTD 11/08/2013 2.125% 11/09/2020	4581X0CD8	720,000.00	AAA	Aaa	10/02/17	10/10/17	726,673.75	1.81	3,485.00	723,886.16	714,067.92
INTERNATIONAL FINANCE CORPORATION NOTE DTD 03/16/2018 2.635% 03/09/2021	45950VLO7	725,000.00	AAA	Aaa	03/09/18	03/16/18	724,456.25	2.66	7,535.37	724,609.89	724,818.75
INTER-AMERICAN DEVELOPMENT BANK NOTE DTD 04/19/2018 2.625% 04/19/2021	4581X0DB1	845,000.00	AAA	Aaa	04/12/18	04/19/18	843,141.00	2.70	6,284.69	843,612.56	845,599.95
INTL BANK OF RECONSTRUCTION AND DEV NOTE DTD 07/25/2018 2.750% 07/23/2021	459058GH0	1,065,000.00	AAA	Aaa	07/18/18	07/25/18	1,062,507.90	2.83	650.83	1,062,922.24	1,070,260.04
Security Type Sub-Total		4,080,000.00					4,080,038.90	2.39	22,325.61	4,079,077.90	4,067,530.41



Managed Account Detail of Securities Held

For the Month Ending **January 31, 2019**

CITY OF ANTIOCH, CA - 04380500

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Municipal Bond / Note											
CT ST TXBL GO BONDS DTD 08/17/2016 1.300% 08/15/2019	20772J3D2	795,000.00	A	A1	08/03/16	08/17/16	796,717.20	1.23	4,765.58	795,313.60	786,883.05
CA ST TXBL GO BONDS DTD 04/25/2018 2.800% 04/01/2021	13063DGA0	845,000.00	AA-	Aa3	04/18/18	04/25/18	845,033.80	2.80	7,886.67	845,018.21	847,822.30
Security Type Sub-Total		1,640,000.00					1,641,751.00	2.04	12,652.25	1,640,331.81	1,634,705.35
Federal Agency Collateralized Mortgage Obligation											
FNMA SERIES 2016-M9 ASQ2 DTD 06/01/2016 1.785% 06/01/2019	3136ASPX8	2,269.87	AA+	Aaa	06/09/16	06/30/16	2,292.57	1.05	3.38	2,270.04	2,260.52
FANNIE MAE SERIES 2015-M13 ASQ2 DTD 10/01/2015 1.646% 09/01/2019	3136AQDQ0	42,766.07	AA+	Aaa	10/07/15	10/30/15	43,194.32	1.08	58.66	42,784.77	42,556.95
FNA 2018-M5 A2 DTD 04/01/2018 3.560% 09/25/2021	3136B1XP4	398,053.08	AA+	Aaa	04/11/18	04/30/18	405,970.76	2.27	1,180.89	404,256.68	402,717.31
FHMS KP05 A DTD 12/01/2018 3.203% 07/01/2023	3137FKK39	384,381.82	AA+	Aaa	12/07/18	12/17/18	384,380.67	3.11	1,025.98	384,380.67	386,978.70
Security Type Sub-Total		827,470.84					835,838.32	2.59	2,268.91	833,692.16	834,513.48
Federal Agency Bond / Note											
FNMA NOTES DTD 08/01/2017 1.500% 07/30/2020	3135G0T60	1,475,000.00	AA+	Aaa	08/31/17	09/01/17	1,475,383.50	1.49	61.46	1,475,201.97	1,453,609.55
FANNIE MAE NOTES DTD 11/01/2018 2.875% 10/30/2020	3135G0U84	1,575,000.00	AA+	Aaa	11/02/18	11/02/18	1,572,669.00	2.95	11,320.31	1,572,951.62	1,584,988.65
FEDERAL HOME LOAN BANKS NOTES DTD 10/12/2018 3.000% 10/12/2021	3130AF5B9	1,575,000.00	AA+	Aaa	11/02/18	11/02/18	1,573,866.00	3.03	14,306.25	1,573,965.98	1,595,934.90
FANNIE MAE NOTES DTD 01/11/2019 2.625% 01/11/2022	3135G0U92	800,000.00	AA+	Aaa	01/09/19	01/11/19	799,424.00	2.65	1,166.67	799,434.32	802,445.60
FANNIE MAE NOTES DTD 01/11/2019 2.625% 01/11/2022	3135G0U92	800,000.00	AA+	Aaa	01/29/19	01/31/19	800,208.00	2.62	1,166.67	800,207.85	802,445.60



Managed Account Detail of Securities Held

For the Month Ending **January 31, 2019**

CITY OF ANTIOCH, CA - 04380500

Security Type/Description	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Security Type Sub-Total		6,225,000.00					6,221,550.50	2.55	28,021.36	6,221,761.74	6,239,424.30
Corporate Note											
GOLDMAN SACHS GRP INC CORP NT (CALLABLE) DTD 04/25/2016 2.000% 04/25/2019	38141GVT8	100,000.00	BBB+	A3	04/20/16	04/25/16	99,722.00	2.10	533.33	99,977.81	99,786.10
GOLDMAN SACHS GRP INC CORP NT (CALLABLE) DTD 04/25/2016 2.000% 04/25/2019	38141GVT8	625,000.00	BBB+	A3	04/21/16	04/26/16	624,600.00	2.02	3,333.33	624,968.09	623,663.13
IBM CREDIT CORP NOTE DTD 09/08/2017 1.625% 09/06/2019	44932HAA1	625,000.00	A	A1	09/05/17	09/08/17	624,525.00	1.66	4,090.71	624,856.13	621,211.88
BB&T CORP (CALLABLE) NOTE DTD 12/08/2014 2.450% 01/15/2020	05531FAS2	725,000.00	A-	A2	01/31/17	02/03/17	732,227.53	2.10	789.44	727,249.54	722,250.80
JPMORGAN CHASE & CO (CALLABLE) DTD 01/23/2015 2.250% 01/23/2020	46625HKA7	725,000.00	A-	A2	05/10/17	05/15/17	726,935.75	2.15	362.50	725,683.83	720,423.08
MORGAN STANLEY CORP BONDS DTD 01/27/2015 2.650% 01/27/2020	61747YDW2	375,000.00	BBB+	A3	01/31/17	02/03/17	378,243.75	2.35	110.42	376,100.58	373,836.00
AMERICAN HONDA FINANCE DTD 02/16/2017 2.000% 02/14/2020	02665WBM2	340,000.00	A+	A2	02/13/17	02/16/17	339,517.20	2.05	3,154.44	339,829.56	336,983.18
AMERICAN EXPRESS CREDIT (CALLABLE) NOTE DTD 03/03/2017 2.200% 03/03/2020	0258M0EE5	440,000.00	A-	A2	02/28/17	03/03/17	439,542.40	2.24	3,979.56	439,830.43	437,167.72
WALT DISNEY COMPANY CORP NOTES DTD 03/06/2017 1.950% 03/04/2020	25468PDP8	140,000.00	A+	A2	03/01/17	03/06/17	139,963.60	1.96	1,114.75	139,986.46	138,886.58
HSBC USA INC NOTES DTD 03/05/2015 2.350% 03/05/2020	40428HPR7	245,000.00	A	A2	03/27/18	03/29/18	241,878.70	3.03	2,334.99	243,213.13	243,475.61
JOHN DEERE CAPITAL CORP NOTES DTD 03/15/2017 2.200% 03/13/2020	24422ETO2	305,000.00	A	A2	03/10/17	03/15/17	304,762.10	2.23	2,572.17	304,909.40	303,005.61
UNILEVER CAPITAL CORP BONDS DTD 05/05/2017 1.800% 05/05/2020	904764AV9	175,000.00	A+	A1	05/02/17	05/05/17	174,441.75	1.91	752.50	174,761.56	172,857.65



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Security Type/Description	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate Note											
GENERAL DYNAMICS CORP DTD 05/11/2018 2.875% 05/11/2020	369550BA5	435,000.00	A+	A2	05/08/18	05/11/18	433,460.10	3.06	2,779.17	434,006.14	435,977.88
INTEL CORP NOTES DTD 05/11/2017 1.850% 05/11/2020	458140AZ3	475,000.00	A+	A1	05/08/17	05/11/17	474,819.50	1.86	1,952.78	474,921.92	470,573.00
HOME DEPOT INC CORP NOTES DTD 06/05/2017 1.800% 06/05/2020	437076BO4	345,000.00	A	A2	05/24/17	06/05/17	344,799.90	1.82	966.00	344,909.01	340,727.52
WALT DISNEY COMPANY CORP NOTES DTD 06/06/2017 1.800% 06/05/2020	25468PDU7	725,000.00	A+	A2	06/01/17	06/06/17	724,159.00	1.84	2,030.00	724,617.11	716,565.35
JOHN DEERE CAPITAL CORP NOTES DTD 06/22/2017 1.950% 06/22/2020	24422ETS8	150,000.00	A	A2	06/19/17	06/22/17	149,908.50	1.97	316.88	149,956.90	148,260.00
AMERICAN HONDA FINANCE CORP NOTES DTD 07/20/2017 1.950% 07/20/2020	02665WBT7	160,000.00	A+	A2	07/17/17	07/20/17	159,838.40	1.98	95.33	159,919.66	157,747.04
BNY MELLON CORP NOTE (CALLABLE) DTD 08/17/2015 2.600% 08/17/2020	06406HDD8	325,000.00	A	A1	02/16/18	02/21/18	323,404.25	2.81	3,849.44	323,997.37	323,688.95
CATERPILLAR FINL SERVICE NOTE DTD 09/07/2017 1.850% 09/04/2020	14913Q2A6	545,000.00	A	A3	09/05/17	09/07/17	544,542.20	1.88	4,117.02	544,753.09	537,870.86
CITIGROUP INC CORP NOTES DTD 10/26/2015 2.650% 10/26/2020	172967KB6	425,000.00	BBB+	Baa1	09/22/17	09/26/17	429,726.00	2.27	2,972.05	427,702.96	421,871.58
AMERICAN EXPRESS CO CORP (CALLABLE) NOTE DTD 10/30/2017 2.200% 10/30/2020	02581BP3	325,000.00	BBB+	A3	10/23/17	10/30/17	324,577.50	2.25	1,807.36	324,750.60	321,137.38
JOHNSON & JOHNSON CORP NOTE DTD 11/10/2017 1.950% 11/10/2020	478160CH5	155,000.00	AAA	Aaa	11/08/17	11/10/17	154,834.15	1.99	680.06	154,900.72	152,909.83
PACCAR FINANCIAL CORP NOTES DTD 11/13/2017 2.050% 11/13/2020	69371RN85	200,000.00	A+	A1	11/06/17	11/13/17	199,982.00	2.05	888.33	199,989.17	197,142.60
VISA INC (CALLABLE) CORP NOTES DTD 12/14/2015 2.200% 12/14/2020	92826CAB8	200,000.00	AA-	A1	08/25/17	08/30/17	202,200.00	1.85	574.44	201,243.48	198,702.40
JOHN DEERE CAPITAL CORP NOTES DTD 01/08/2018 2.350% 01/08/2021	24422ETZ2	140,000.00	A	A2	01/03/18	01/08/18	139,927.20	2.37	210.19	139,952.44	138,562.76



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Security Type/Description	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate Note											
IBM CORP CORP NOTES DTD 02/06/2018 2.650% 02/05/2021	44932HAG8	125,000.00	A	A1	02/01/18	02/06/18	124,938.75	2.67	1,619.44	124,958.33	124,373.25
PACCAR FINANCIAL CORP NOTES DTD 02/27/2018 2.800% 03/01/2021	69371RN93	240,000.00	A+	A1	02/22/18	02/27/18	239,882.40	2.82	2,800.00	239,917.25	238,704.00
JOHN DEERE CAPITAL CORP NOTES DTD 03/13/2018 2.875% 03/12/2021	24422EUD9	375,000.00	A	A2	03/08/18	03/13/18	374,745.00	2.90	4,162.76	374,817.78	374,464.13
NATIONAL RURAL UTIL COOP DTD 02/26/2018 2.900% 03/15/2021	63743HER9	300,000.00	A	A2	02/21/18	02/26/18	299,667.00	2.94	3,286.67	299,763.35	299,591.70
UNILEVER CAPITAL CORP NOTES DTD 03/22/2018 2.750% 03/22/2021	904764AZ0	575,000.00	A+	A1	03/19/18	03/22/18	572,061.75	2.93	5,666.15	572,877.11	573,415.88
UNITED PARCEL SERVICE CORPORATE BOND DTD 11/14/2017 2.050% 04/01/2021	911312BP0	440,000.00	A+	A1	11/09/17	11/14/17	439,304.80	2.10	3,006.67	439,546.17	432,383.16
TOYOTA MOTOR CREDIT CORP NOTES DTD 04/13/2018 2.950% 04/13/2021	89236TEU5	440,000.00	AA-	Aa3	04/10/18	04/13/18	439,824.00	2.96	3,894.00	439,869.47	441,369.28
BANK OF NEW YORK MELLON CORP (CALLABLE) DTD 02/19/2016 2.500% 04/15/2021	06406FAA1	375,000.00	A	A1	02/16/18	02/21/18	370,128.75	2.93	2,760.42	371,549.07	371,943.00
MORGAN STANLEY CORP NOTES DTD 04/21/2016 2.500% 04/21/2021	61746BEA0	350,000.00	BBB+	A3	02/13/18	02/15/18	344,120.00	3.06	2,430.56	345,842.99	345,512.65
HERSHEY COMPANY CORP NOTES DTD 05/10/2018 3.100% 05/15/2021	427866BA5	280,000.00	A	A1	05/03/18	05/10/18	279,806.80	3.12	1,832.44	279,851.00	281,219.96
CHARLES SCHWAB CORP NOTES DTD 05/22/2018 3.250% 05/21/2021	808513AW5	350,000.00	A	A2	05/17/18	05/22/18	349,989.50	3.25	2,211.81	349,991.64	352,526.30
WAL-MART STORES INC CORP NOTES DTD 06/27/2018 3.125% 06/23/2021	931142EJ8	520,000.00	AA	Aa2	06/20/18	06/27/18	519,974.00	3.13	1,715.28	519,977.89	525,603.52
CATERPILLAR FINANCIAL SERVICES CORP CORP DTD 09/07/2018 3.150% 09/07/2021	1491302N8	205,000.00	A	A3	09/04/18	09/07/18	204,842.15	3.18	2,583.00	204,862.38	206,095.11



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Corporate Note											
3M COMPANY DTD 09/14/2018 3.000% 09/14/2021	88579YBA8	175,000.00	AA-	A1	09/11/18	09/14/18	174,641.25	3.07	1,997.92	174,685.04	176,590.40
PFIZER INC CORP NOTE DTD 09/07/2018 3.000% 09/15/2021	717081EM1	450,000.00	AA	A1	09/04/18	09/07/18	449,392.50	3.05	5,400.00	449,471.39	453,376.80
BANK OF AMERICA CORP (CALLABLE) DTD 09/18/2017 2.328% 10/01/2021	06051GGS2	275,000.00	A-	A3	09/22/17	09/26/17	274,560.00	2.37	2,134.00	274,702.83	271,529.78
BANK OF AMERICA CORP (CALLABLE) DTD 09/18/2017 2.328% 10/01/2021	06051GGS2	450,000.00	A-	A3	09/13/17	09/18/17	450,000.00	2.33	3,492.00	450,000.00	444,321.45
CITIGROUP INC CORP (CALLABLE) NOTE DTD 12/08/2016 2.900% 12/08/2021	172967LC3	350,000.00	BBB+	Baa1	01/15/19	01/17/19	343,633.50	3.57	1,494.31	343,716.04	347,803.05
AMERICAN HONDA FINANCE CORP NOTES DTD 10/10/2018 3.375% 12/10/2021	02665WCP4	250,000.00	A+	A2	10/03/18	10/10/18	249,880.00	3.39	1,195.31	249,884.06	252,059.75
TOYOTA MOTOR CREDIT CORP BONDS DTD 01/09/2017 2.600% 01/11/2022	89236TDP7	345,000.00	AA-	Aa3	12/28/18	12/31/18	339,172.95	3.19	498.33	339,328.51	342,475.29
HOME DEPOT INC DTD 12/06/2018 3.250% 03/01/2022	437076BV3	225,000.00	A	A2	11/27/18	12/06/18	224,383.50	3.34	1,117.19	224,406.67	228,580.65
EXXON MOBIL CORP (CALLABLE) NOTE DTD 03/06/2015 2.397% 03/06/2022	30231GAJ1	375,000.00	AA+	Aaa	11/26/18	11/28/18	363,615.00	3.38	3,620.47	364,199.23	371,994.00
Security Type Sub-Total		16,895,000.00					16,861,102.08	2.50	105,285.92	16,861,205.29	16,811,217.60
Certificate of Deposit											
SKANDINAV ENSKILDA BANKEN NY CD DTD 08/04/2017 1.840% 08/02/2019	83050FXT3	1,475,000.00	A-1	P-1	08/03/17	08/04/17	1,474,424.75	1.85	13,796.17	1,474,856.19	1,469,240.13
MUFG BANK LTD/NY CERT DEPOS DTD 09/27/2017 2.070% 09/25/2019	06539RGM3	750,000.00	A-1	P-1	09/25/17	09/27/17	750,000.00	2.07	5,563.13	750,000.00	746,131.50
CREDIT SUISSE NEW YORK CERT DEPOS DTD 02/08/2018 2.670% 02/07/2020	22549LFR1	750,000.00	A	A1	02/07/18	02/08/18	750,000.00	2.67	19,635.63	750,000.00	750,342.75
NORDEA BANK AB NY CD DTD 02/22/2018 2.720% 02/20/2020	65590ASN7	750,000.00	AA-	Aa3	02/20/18	02/22/18	750,000.00	2.72	9,123.33	750,000.00	751,203.00



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Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Certificate of Deposit											
UBS AG STAMFORD CT LT CD DTD 03/06/2018 2.900% 03/02/2020	90275DHG8	750,000.00	A+	Aa2	03/02/18	03/06/18	750,000.00	2.93	9,062.50	750,000.00	752,088.75
CREDIT AGRICOLE CIB NY FLT CERT DEPOS DTD 04/10/2018 3.253% 04/10/2020	22532XHT8	750,000.00	A+	A1	04/06/18	04/10/18	750,000.00	2.85	1,490.73	750,000.00	750,682.50
CANADIAN IMP BK COMM NY FLT CERT DEPOS DTD 04/10/2018 3.183% 04/10/2020	13606BVF0	750,000.00	A+	Aa2	04/06/18	04/10/18	750,000.00	2.78	1,458.65	750,000.00	751,296.00
BANK OF NOVA SCOTIA HOUSTON CD DTD 06/07/2018 3.080% 06/05/2020	06417GU22	750,000.00	A+	Aa2	06/05/18	06/07/18	749,715.00	3.10	3,593.33	749,805.43	754,488.75
BANK OF MONTREAL CHICAGO CERT DEPOS DTD 08/03/2018 3.190% 08/03/2020	06370REU9	725,000.00	A+	Aa2	08/01/18	08/03/18	725,000.00	3.23	11,692.24	725,000.00	726,976.35
WESTPAC BANKING CORP NY CD DTD 08/07/2017 2.050% 08/03/2020	96121T4A3	1,325,000.00	AA-	Aa3	08/03/17	08/07/17	1,325,000.00	2.05	13,128.54	1,325,000.00	1,313,157.15
SUMITOMO MITSUI BANK NY CERT DEPOS DTD 10/18/2018 3.390% 10/16/2020	86565BPC9	750,000.00	A	A1	10/16/18	10/18/18	748,980.00	3.46	7,274.38	749,122.06	758,595.75
SWEDBANK (NEW YORK) CERT DEPOS DTD 11/17/2017 2.270% 11/16/2020	87019U6D6	750,000.00	AA-	Aa2	11/16/17	11/17/17	750,000.00	2.30	3,641.46	750,000.00	740,314.50
ROYAL BANK OF CANADA NY CD DTD 06/08/2018 3.240% 06/07/2021	78012UEE1	950,000.00	AA-	Aa2	06/07/18	06/08/18	950,000.00	3.24	4,617.00	950,000.00	956,548.35
Security Type Sub-Total		11,225,000.00					11,223,119.75	2.63	104,077.09	11,223,783.68	11,221,065.48
Asset-Backed Security / Collateralized Mortgage Obligation											
ALLY ABS 2016-3 A3 DTD 05/31/2016 1.440% 08/15/2020	02007LAC6	49,605.49	AAA	Aaa	05/24/16	05/31/16	49,600.67	1.44	31.75	49,603.90	49,462.90
HYUNDAI ABS 2016-A A3 DTD 03/30/2016 1.560% 09/15/2020	44930UAD8	47,286.47	AAA	Aaa	03/22/16	03/30/16	47,277.30	1.57	32.79	47,283.61	47,139.32
GMALT 2018-3 A3 DTD 09/26/2018 3.180% 06/20/2021	36256GAD1	230,000.00	AAA	Aaa	09/18/18	09/26/18	229,981.83	3.19	223.48	229,984.06	230,566.65



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Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Asset-Backed Security / Collateralized Mortgage Obligation											
TOYOTA ABS 2017-B A3 DTD 05/17/2017 1.760% 07/15/2021	89190BAD0	725,000.00	AAA	Aaa	05/09/17	05/17/17	724,944.39	1.76	567.11	724,966.56	719,243.07
ALLY ABS 2017-3 A3 DTD 05/24/2017 1.740% 09/15/2021	02007EAE8	165,000.00	AAA	Aaa	05/16/17	05/24/17	164,982.79	1.96	127.60	164,989.89	163,677.06
MBALT 2018-B A3 DTD 11/20/2018 3.210% 09/15/2021	58769LAC6	760,000.00	AAA	NR	11/15/18	11/20/18	759,982.98	3.51	1,084.27	759,982.98	763,558.02
CCCIT 2017-A9 A9 DTD 10/02/2017 1.800% 09/20/2021	17305EGH2	375,000.00	AAA	NR	09/25/17	10/02/17	374,972.06	1.80	2,456.25	374,980.83	372,756.49
FORDL 2018-B A3 DTD 09/21/2018 3.190% 12/15/2021	34531LAD2	315,000.00	NR	Aaa	09/18/18	09/21/18	314,973.38	3.41	446.60	314,976.28	315,954.42
CITIBANK ABS 2017-A3 A3 DTD 04/11/2017 1.920% 04/07/2022	17305EGB5	375,000.00	AAA	NR	05/15/17	05/22/17	376,001.25	1.82	2,280.00	375,707.22	371,290.95
HART 2018-A A3 DTD 04/18/2018 2.790% 07/15/2022	44891KAD7	120,000.00	AAA	Aaa	04/10/18	04/18/18	119,981.93	2.80	148.80	119,985.15	120,007.98
BANK OF AMERICA ABS 2017-A1 A1 DTD 03/30/2017 1.950% 08/15/2022	05522RCW6	375,000.00	NR	Aaa	06/11/18	06/13/18	369,052.73	2.73	325.00	369,828.43	371,757.38
AMXCA 2018-1 A DTD 03/21/2018 2.670% 10/17/2022	02582JHO6	615,000.00	NR	Aaa	03/14/18	03/21/18	614,928.60	2.68	729.80	614,941.60	613,829.29
HART 2018-B A3 DTD 12/12/2018 3.200% 12/15/2022	44933AAC1	300,000.00	AAA	Aaa	12/04/18	12/12/18	299,996.40	3.48	426.67	299,996.62	301,958.25
BANK OF AMERICA ABS 2017-A2 A2 DTD 08/24/2017 1.840% 01/15/2023	05522RCX4	160,000.00	AAA	NR	12/19/18	12/21/18	156,868.75	2.81	130.84	156,938.68	157,713.28
HAROT 2018-4 A3 DTD 11/28/2018 3.160% 01/15/2023	43815AAC6	740,000.00	AAA	Aaa	11/20/18	11/28/18	739,889.37	3.17	1,039.29	739,893.62	744,170.94
TOYOTA AUTO RECEIVABLES OWNER DTD 11/07/2018 3.180% 03/15/2023	89231PAD0	320,000.00	AAA	Aaa	10/31/18	11/07/18	319,930.78	3.19	452.27	319,934.85	322,706.72
VALET 2018-2 A3 DTD 11/21/2018 3.250% 04/20/2023	92869BAD4	585,000.00	AAA	Aaa	11/15/18	11/21/18	584,975.43	3.25	580.94	584,976.52	590,288.22



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Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Asset-Backed Security / Collateralized Mortgage Obligation											
CARMAX AUTO OWNER TRUST DTD 07/25/2018 3.130% 06/15/2023	14313FAD1	340,000.00	AAA	NR	07/18/18	07/25/18	339,953.66	3.36	472.98	339,958.37	341,819.95
NAROT 2018-C A3 DTD 12/12/2018 3.220% 06/15/2023	65478NAD7	775,000.00	AAA	Aaa	12/04/18	12/12/18	774,851.51	3.53	1,109.11	774,856.29	780,778.71
CARMAX AUTO OWNER TRUST DTD 10/24/2018 3.360% 09/15/2023	14315EAC4	285,000.00	AAA	NR	10/17/18	10/24/18	284,997.38	3.36	425.60	284,997.73	287,877.65
GMCAR 2019-1 A3 DTD 01/16/2019 2.970% 11/16/2023	36256XAD4	445,000.00	NR	Aaa	01/08/19	01/16/19	444,950.74	2.97	550.69	444,951.15	446,488.79
Security Type Sub-Total		8,101,891.96					8,093,093.93	2.90	13,641.84	8,093,734.34	8,113,046.04
Managed Account Sub-Total		79,029,362.80					78,751,275.36	2.43	394,935.15	78,789,777.56	78,663,840.29
Securities Sub-Total		\$79,029,362.80					\$78,751,275.36	2.43%	\$394,935.15	\$78,789,777.56	\$78,663,840.29
Accrued Interest											\$394,935.15
Total Investments											\$79,058,775.44



Managed Account Security Transactions & Interest

For the Month Ending **January 31, 2019**

CITY OF ANTIOCH, CA - 04380500

Transaction Type	Trade	Settle	Security Description	CUSIP	Par	Principal Proceeds	Accrued Interest	Total	Realized G/L Cost	Realized G/L Amort Cost	Sale Method
BUY											
	01/07/19	01/09/19	US TREASURY NOTES DTD 01/31/2017 1.875% 01/31/2022	912828V72	3,600,000.00	(3,534,468.75)	(29,714.67)	(3,564,183.42)			
	01/08/19	01/16/19	GMCAR 2019-1 A3 DTD 01/16/2019 2.970% 11/16/2023	36256XAD4	445,000.00	(444,950.74)	0.00	(444,950.74)			
	01/09/19	01/11/19	FANNIE MAE NOTES DTD 01/11/2019 2.625% 01/11/2022	3135G0U92	800,000.00	(799,424.00)	0.00	(799,424.00)			
	01/15/19	01/17/19	CITIGROUP INC CORP (CALLABLE) NOTE DTD 12/08/2016 2.900% 12/08/2021	172967LC3	350,000.00	(343,633.50)	(1,099.58)	(344,733.08)			
	01/29/19	01/31/19	FANNIE MAE NOTES DTD 01/11/2019 2.625% 01/11/2022	3135G0U92	800,000.00	(800,208.00)	(1,166.67)	(801,374.67)			
	01/29/19	01/31/19	UNITED STATES TREASURY NOTES DTD 01/15/2019 2.500% 01/15/2022	9128285V8	2,300,000.00	(2,296,675.78)	(2,541.44)	(2,299,217.22)			
Transaction Type Sub-Total					8,295,000.00	(8,219,360.77)	(34,522.36)	(8,253,883.13)			
INTEREST											
	01/01/19	01/25/19	FANNIE MAE SERIES 2015-M13 ASQ2 DTD 10/01/2015 1.646% 09/01/2019	3136AOD00	42,849.70	0.00	58.78	58.78			
	01/01/19	01/25/19	FNA 2018-M5 A2 DTD 04/01/2018 3.560% 09/25/2021	3136B1XP4	422,189.63	0.00	1,332.61	1,332.61			
	01/01/19	01/25/19	FNMA SERIES 2015-M15 ASQ2 DTD 11/01/2015 1.898% 01/01/2019	3136AOSW1	7,011.02	0.00	11.09	11.09			
	01/01/19	01/25/19	FNMA SERIES 2016-M9 ASQ2 DTD 06/01/2016 1.785% 06/01/2019	3136ASPX8	2,273.27	0.00	3.38	3.38			
	01/01/19	01/25/19	FHMS KP05 A DTD 12/01/2018 3.203% 07/01/2023	3137FKK39	385,000.00	0.00	1,027.63	1,027.63			
	01/08/19	01/08/19	JOHN DEERE CAPITAL CORP NOTES DTD 01/08/2018 2.350% 01/08/2021	24422ETZ2	140,000.00	0.00	1,645.00	1,645.00			
	01/10/19	01/10/19	CREDIT AGRICOLE CIB NY FLT CERT DEPOS DTD 04/10/2018 3.253% 04/10/2020	22532XHT8	750,000.00	0.00	5,528.15	5,528.15			
	01/10/19	01/10/19	CANADIAN IMP BK COMM NY FLT CERT DEPOS DTD 04/10/2018 3.183% 04/10/2020	13606BVF0	750,000.00	0.00	5,393.98	5,393.98			



Managed Account Security Transactions & Interest

For the Month Ending **January 31, 2019**

CITY OF ANTIOCH, CA - 04380500

Transaction Type		Security Description	CUSIP	Par	Principal Proceeds	Accrued Interest	Total	Realized G/L Cost	Realized G/L Amort Cost	Sale Method
Trade	Settle									
INTEREST										
01/11/19	01/11/19	TOYOTA MOTOR CREDIT CORP BONDS DTD 01/09/2017 2.600% 01/11/2022	89236TDP7	345,000.00	0.00	4,485.00	4,485.00			
01/15/19	01/15/19	HAROT 2018-4 A3 DTD 11/28/2018 3.160% 01/15/2023	43815AAC6	740,000.00	0.00	1,948.67	1,948.67			
01/15/19	01/15/19	HYUNDAI ABS 2016-A A3 DTD 03/30/2016 1.560% 09/15/2020	44930UAD8	55,628.62	0.00	72.32	72.32			
01/15/19	01/15/19	MBALT 2018-B A3 DTD 11/20/2018 3.210% 09/15/2021	58769LAC6	760,000.00	0.00	2,033.00	2,033.00			
01/15/19	01/15/19	BB&T CORP (CALLABLE) NOTE DTD 12/08/2014 2.450% 01/15/2020	05531FAS2	725,000.00	0.00	8,881.25	8,881.25			
01/15/19	01/15/19	TOYOTA AUTO RECEIVABLES OWNER DTD 11/07/2018 3.180% 03/15/2023	89231PAD0	320,000.00	0.00	848.00	848.00			
01/15/19	01/15/19	HART 2018-A A3 DTD 04/18/2018 2.790% 07/15/2022	44891KAD7	120,000.00	0.00	279.00	279.00			
01/15/19	01/15/19	HART 2018-B A3 DTD 12/12/2018 3.200% 12/15/2022	44933AAC1	300,000.00	0.00	880.00	880.00			
01/15/19	01/15/19	NAROT 2018-C A3 DTD 12/12/2018 3.220% 06/15/2023	65478NAD7	775,000.00	0.00	2,287.54	2,287.54			
01/15/19	01/15/19	ALLY ABS 2017-3 A3 DTD 05/24/2017 1.740% 09/15/2021	02007EAE8	165,000.00	0.00	239.25	239.25			
01/15/19	01/15/19	CARMAX AUTO OWNER TRUST DTD 10/24/2018 3.360% 09/15/2023	14315EAC4	285,000.00	0.00	798.00	798.00			
01/15/19	01/15/19	CARMAX AUTO OWNER TRUST DTD 07/25/2018 3.130% 06/15/2023	14313FAD1	340,000.00	0.00	886.83	886.83			
01/15/19	01/15/19	FORDL 2018-B A3 DTD 09/21/2018 3.190% 12/15/2021	34531LAD2	315,000.00	0.00	837.38	837.38			
01/15/19	01/15/19	AMXCA 2018-1 A DTD 03/21/2018 2.670% 10/17/2022	02582JHO6	615,000.00	0.00	1,368.38	1,368.38			
01/15/19	01/15/19	ALLY ABS 2016-3 A3 DTD 05/31/2016 1.440% 08/15/2020	02007LAC6	60,937.10	0.00	73.12	73.12			
01/15/19	01/15/19	BANK OF AMERICA ABS 2017-A1 A1 DTD 03/30/2017 1.950% 08/15/2022	05522RCW6	375,000.00	0.00	609.38	609.38			
01/15/19	01/15/19	BANK OF AMERICA ABS 2017-A2 A2 DTD 08/24/2017 1.840% 01/15/2023	05522RCX4	160,000.00	0.00	245.33	245.33			



Managed Account Security Transactions & Interest

For the Month Ending **January 31, 2019**

CITY OF ANTIOCH, CA - 04380500

Transaction Type	Trade	Settle	Security Description	CUSIP	Par	Principal Proceeds	Accrued Interest	Total	Realized G/L Cost	Realized G/L Amort Cost	Sale Method
INTEREST											
	01/15/19	01/15/19	TOYOTA ABS 2017-B A3 DTD 05/17/2017 1.760% 07/15/2021	89190BAD0	725,000.00	0.00	1,063.33	1,063.33			
	01/20/19	01/20/19	AMERICAN HONDA FINANCE CORP NOTES DTD 07/20/2017 1.950% 07/20/2020	02665WBT7	160,000.00	0.00	1,560.00	1,560.00			
	01/20/19	01/20/19	VALET 2018-2 A3 DTD 11/21/2018 3.250% 04/20/2023	92869BAD4	585,000.00	0.00	1,584.38	1,584.38			
	01/20/19	01/20/19	GMALT 2018-3 A3 DTD 09/26/2018 3.180% 06/20/2021	36256GAD1	230,000.00	0.00	609.50	609.50			
	01/23/19	01/23/19	JPMORGAN CHASE & CO (CALLABLE) DTD 01/23/2015 2.250% 01/23/2020	46625HKA7	725,000.00	0.00	8,156.25	8,156.25			
	01/23/19	01/23/19	INTL BANK OF RECONSTRUCTION AND DEV NOTE DTD 07/25/2018 2.750% 07/23/2021	459058GH0	1,065,000.00	0.00	14,484.00	14,484.00			
	01/27/19	01/27/19	MORGAN STANLEY CORP BONDS DTD 01/27/2015 2.650% 01/27/2020	61747YDW2	375,000.00	0.00	4,968.75	4,968.75			
	01/30/19	01/30/19	FNMA NOTES DTD 08/01/2017 1.500% 07/30/2020	3135G0T60	1,475,000.00	0.00	11,062.50	11,062.50			
	01/31/19	01/31/19	US TREASURY NOTES DTD 01/31/2017 1.875% 01/31/2022	912828V72	3,600,000.00	0.00	33,750.00	33,750.00			
	01/31/19	01/31/19	US TREASURY NOTES DTD 01/31/2016 1.375% 01/31/2021	912828N89	1,500,000.00	0.00	10,312.50	10,312.50			
	01/31/19	01/31/19	US TREASURY NOTES DTD 07/31/2015 1.625% 07/31/2020	912828XM7	1,075,000.00	0.00	8,734.38	8,734.38			
	01/31/19	01/31/19	US TREASURY NOTES DTD 02/02/2015 1.250% 01/31/2020	912828H52	255,000.00	0.00	1,593.75	1,593.75			
Transaction Type Sub-Total					20,725,889.34	0.00	139,652.41	139,652.41			
MATURITY											
	01/01/19	01/01/19	FNMA SERIES 2015-M15 ASQ2 DTD 11/01/2015 1.898% 01/01/2019	3136AOSW1	7,011.02	7,011.02	0.00	7,011.02	(70.12)	0.00	
Transaction Type Sub-Total					7,011.02	7,011.02	0.00	7,011.02	(70.12)	0.00	



Managed Account Security Transactions & Interest

For the Month Ending **January 31, 2019**

CITY OF ANTIOCH, CA - 04380500

Transaction Type		Security Description	CUSIP	Par	Principal Proceeds	Accrued Interest	Total	Realized G/L Cost	Realized G/L Amort Cost	Sale Method
Trade	Settle									
PAYDOWNS										
01/01/19	01/25/19	FHMS KP05 A DTD 12/01/2018 3.203% 07/01/2023	3137FKK39	618.18	618.18	0.00	618.18	0.00	0.00	
01/01/19	01/25/19	FNMA SERIES 2016-M9 ASQ2 DTD 06/01/2016 1.785% 06/01/2019	3136ASPX8	3.40	3.40	0.00	3.40	(0.03)	0.00	
01/01/19	01/25/19	FNA 2018-M5 A2 DTD 04/01/2018 3.560% 09/25/2021	3136B1XP4	24,136.55	24,136.55	0.00	24,136.55	(480.10)	0.00	
01/01/19	01/25/19	FANNIE MAE SERIES 2015-M13 ASQ2 DTD 10/01/2015 1.646% 09/01/2019	3136AQDO0	83.63	83.63	0.00	83.63	(0.84)	0.00	
01/15/19	01/15/19	ALLY ABS 2016-3 A3 DTD 05/31/2016 1.440% 08/15/2020	02007LAC6	11,331.61	11,331.61	0.00	11,331.61	1.10	0.00	
01/15/19	01/15/19	HYUNDAI ABS 2016-A A3 DTD 03/30/2016 1.560% 09/15/2020	44930UAD8	8,342.15	8,342.15	0.00	8,342.15	1.62	0.00	
Transaction Type Sub-Total				44,515.52	44,515.52	0.00	44,515.52	(478.25)	0.00	
SELL										
01/07/19	01/09/19	INTL BANK OF RECON AND DEV GLOBAL NOTES DTD 10/27/2016 1.125% 11/27/2019	459058FS7	725,000.00	714,835.50	952.41	715,787.91	(3,980.25)	(7,705.07)	FIFO
01/07/19	01/09/19	US TREASURY NOTES DTD 12/01/2014 1.500% 11/30/2019	912828G61	2,225,000.00	2,203,271.48	3,667.58	2,206,939.06	(25,205.08)	(22,780.59)	FIFO
01/07/19	01/09/19	FNMA NOTES DTD 09/02/2016 1.000% 08/28/2019	3135G0P49	640,000.00	633,734.40	2,328.89	636,063.29	(5,881.60)	(6,180.58)	FIFO
01/08/19	01/15/19	US TREASURY NOTES DTD 12/01/2014 1.500% 11/30/2019	912828G61	50,000.00	49,515.63	94.78	49,610.41	(562.50)	(507.58)	FIFO
01/08/19	01/15/19	US TREASURY NOTES DTD 12/01/2014 1.500% 11/30/2019	912828G61	350,000.00	346,609.37	663.46	347,272.83	(2,994.15)	(3,271.20)	FIFO
01/09/19	01/11/19	US TREASURY NOTES DTD 12/01/2014 1.500% 11/30/2019	912828G61	775,000.00	767,401.37	1,341.35	768,742.72	(6,720.70)	(7,330.87)	FIFO
01/15/19	01/17/19	WAL-MART STORES INC CORP NOTE DTD 10/20/2017 1.750% 10/09/2019	931142DY6	335,000.00	332,718.65	1,595.90	334,314.55	(2,274.65)	(2,278.58)	FIFO
01/29/19	01/31/19	US TREASURY NOTES DTD 12/01/2014 1.500% 11/30/2019	912828G61	825,000.00	817,587.89	2,107.83	819,695.72	(6,477.54)	(7,144.69)	FIFO
01/29/19	01/31/19	US TREASURY NOTES DTD 02/02/2015 1.250% 01/31/2020	912828H52	255,000.00	251,613.28	0.00	251,613.28	(1,354.69)	(2,714.83)	FIFO



Managed Account Security Transactions & Interest

For the Month Ending **January 31, 2019**

CITY OF ANTIOCH, CA - 04380500

Transaction Type		Security Description	CUSIP	Par	Principal Proceeds	Accrued Interest	Total	Realized G/L Cost	Realized G/L Amort Cost	Sale Method
Trade	Settle									
SELL										
01/29/19	01/31/19	SUMITOMO MITSUI BANK NY CD DTD 05/04/2017 2.050% 05/03/2019	86563YVN0	675,000.00	673,914.57	3,420.94	677,335.51	(1,085.43)	(1,085.43)	FIFO
01/29/19	01/31/19	EXXON MOBIL (CALLABLE) CORP NOTE DTD 03/06/2015 1.912% 03/06/2020	30231GAG7	375,000.00	371,898.75	2,887.92	374,786.67	(5,002.50)	(3,891.39)	FIFO
01/29/19	01/31/19	FNMA NOTES DTD 02/28/2017 1.500% 02/28/2020	3135G0T29	900,000.00	889,326.00	5,737.50	895,063.50	(10,098.00)	(10,464.09)	FIFO
Transaction Type Sub-Total				8,130,000.00	8,052,426.89	24,798.56	8,077,225.45	(71,637.09)	(75,354.90)	
Managed Account Sub-Total					(115,407.34)	129,928.61	14,521.27	(72,185.46)	(75,354.90)	
Total Security Transactions					(\$115,407.34)	\$129,928.61	\$14,521.27	(\$72,185.46)	(\$75,354.90)	




STAFF REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of February 26, 2019

TO: Honorable Mayor and Members of the City Council

SUBMITTED BY: Anthony Morefield, Police Captain; and
Desmond Bittner, Police Lieutenant

APPROVED BY: Tammany Brooks, Chief of Police 

SUBJECT: Second Reading - Ordinance of the City Council of the City of Antioch Repealing and Reenacting Chapter 14 of Title 4 of the Antioch Municipal Code Concerning Alarm Systems

RECOMMENDED ACTION

It is recommended that the City Council adopt the Ordinance Repealing and Reenacting Chapter 14 of Title 4 of the Antioch Municipal Code concerning Alarm Systems.

STRATEGIC PURPOSE

Strategy A-2: Strategically deploy police resources and implement community policing strategies.

FISCAL IMPACT

Under the current Alarm Systems Ordinance, there are already fees established to help defray the cost of the staff time related to Alarm System registration and response. However, the newly proposed ordinance is designed to reduce unnecessary response to false alarms, thereby reducing staff time incurred and resulting in a cost savings to the City.

DISCUSSION

The proposed amendment was presented to the City Council on February 5, 2019, where the Ordinance was introduced on a vote of 5-0. The purpose of this amendment is to update an outdated chapter in the City's Municipal Code, to reduce the large number of false alarms reported to the Police Department by Alarm Companies, and to create a mechanism for outsourcing the administrative duties associated with Alarm Systems in the future.

This Ordinance will become effective 30 days after its adoption.

ATTACHMENTS

A: Ordinance

ATTACHMENT "A"

ORDINANCE NO. _____-C-S

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF ANTIOCH REPEALING AND REENACTING CHAPTER 14 OF TITLE 4 OF THE ANTIOCH MUNICIPAL CODE CONCERNING ALARM SYSTEMS

The City Council of the City of Antioch does ordain as follows:

Section 1: Chapter 14 of Title 4 of the Antioch Municipal Code is hereby repealed and replaced with the following:

Sections:

- 4-14.01 Purpose.
- 4-14.02 Definitions.
- 4-14.03 Administration; Funding; Increases in Fees and Fines; Annual Evaluation.
- 4-14.04 Alarm Registrations Required; Terms; Fees and Fee Collection.
- 4-14.05 Registration Application; Contents.
- 4-14.06 Transfer of Registration Prohibited.
- 4-14.07 Duties of Alarm Users.
- 4-14.08 Audible Alarms; Restrictions, Abatement of Malfunctioning Alarm.
- 4-14.09 Registration and Duties of Alarm Installation Companies and Monitoring Companies.
- 4-14.10 Duties and Authority of the Alarm Administrator.
- 4-14.11 False Alarm Fines; Fees; Late Charges.
- 4-14.12 Notice to Alarm Users of False Alarms and Suspension of a Police Response.
- 4-14.13 Alarm Registration Suspension, Fees, Fines, Violation to Make Alarm Dispatch Request for Suspended Alarm Site.
- 4-14.14 Appeals of Determinations Regarding Alarm Registrations, Fees and Fines.
- 4-14.15 Reinstatement of Suspended Alarm Registrations.
- 4-14.16 Suspension of Police Response to Dispatch Requests from Certain Alarm Installation Companies and Monitoring Companies.
- 4-14.17 Police Department Response.
- 4-14.18 Confidentiality of Alarm Information.
- 4-14.19 Scope of Police Duty; Immunities Preserved.

§ 4-14.01 PURPOSE AND INTENT.

The City of Antioch Council finds and declares as follows:

A. The vast majority of alarms to which the Police Department responds are False Alarms and are reported to the Police by alarm companies.

B. Most False Alarms are the result of improper maintenance or improper or careless use of an Alarm System.

C. The public and Police Officers are subjected to needless danger when the Officers are called to respond to False Alarms.

D. Officers responding to False Alarms are not available to carry out other Police duties.

E. In the interest of using limited Police resources most effectively and efficiently, the number of False Alarms can and must be reduced.

F. The purpose of this Chapter is to reduce the dangers and inefficiencies associated with False Alarms and to encourage alarm companies and property owners to maintain the operational reliability, properly use Alarm Systems, and to reduce or eliminate False Alarm Dispatch Requests.

G. This Chapter governs systems intended to summon a Police response, establishes fees and fines, establishes a system of administration, sets conditions for the suspension of a Police response and establishes a public education and training program.

§ 4-14.02 DEFINITIONS.

For purposes of this Chapter, unless the particular provision or the context otherwise clearly requires, the definitions in this section shall govern the construction, meaning, and application of words and phrases used in this chapter.

ALARM ADMINISTRATOR means the Person or Persons designated by the Police Department to administer the provisions of this Chapter.

ALARM AGREEMENT means the legal contract or agreement by and between the Alarm Installation Company and/or Monitoring Company and the Alarm User.

ALARM AGREEMENT HOLDING COMPANY means the Alarm Installation Company or Monitoring Company that holds the Alarm Agreement with the Alarm User

ALARM CONFIRMATION (AC) means that prior to the monitoring company or alarm user making a burglar Alarm Dispatch Request they have confirmed that the alarm activation is likely a result of criminal activity or an emergency condition.

ALARM DISPATCH REQUEST means a notification to the Police Department that an alarm, either manual or automatic, has been activated at a particular Alarm Site.

ALARM INSTALLATION COMPANY means a Person in the business of selling, providing, maintaining, servicing, repairing, altering, replacing, moving or installing an Alarm System at an Alarm Site for compensation, and includes individuals or firms that install and service Alarm Systems used in a private business or proprietary facility.

ALARM REGISTRATION means a registration and unique Number issued by the Alarm Administrator to an Alarm User, which authorizes the operation of an Alarm System.

ALARM RESPONSE MANAGER (ARM) means a Person designated by an Alarm Installation Company and Monitoring Company to handle alarm issues for the company and act as the primary point of contact for the City's Alarm Administrator.

ALARM SITE means a location served by one or more Alarm Systems. In a multi-unit building or complex, each unit shall be considered a separate Alarm Site if served by a separate Alarm System. In a single unit building that houses two or more separate businesses with separate Alarm Systems, each business will be considered a separate Alarm Site.

ALARM SYSTEM means a device or series of devices, which emit or transmit an audible or remote visual or electronic alarm signal, which is intended to summon Police response. The term includes hardwired systems, surveillance cameras and systems interconnected with a radio frequency method such as cellular or private radio signals, and includes Local Alarm Systems, but does not include an alarm installed in a motor vehicle or a system which will not emit a signal either audible or visible from the outside of the building, residence or beyond, but is designed solely to alert the occupants of a building or residence.

ALARM USER means any Person who has contracted for Monitoring, repair, installation or maintenance service for an Alarm System from an Alarm Installation Company or Monitoring Company, or who owns or operates an Alarm System which is not monitored, maintained or repaired under agreement.

ALARM USER AWARENESS CLASS means a class conducted for the purpose of educating Alarm Users about the responsible use, operation, and maintenance of Alarm Systems and the problems created by False Alarms.

ALARM USER LIST means a list provided by the Alarm User's Alarm Installation Company or if no Alarm Agreement exists between the Alarm User and an Alarm Installation Company, the Alarm User's Monitoring Company.

ARMING STATION means a device that controls an Alarm System.

AUTOMATIC VOICE DIALER means any electronic, mechanical, or other device which, when activated, is capable of being programmed to send a prerecorded voice

message to the Police Department or City requesting an officer dispatch to an Alarm Site.

BURGLAR ALARM means an alarm intended to identify the presence of an intruder in either a business or residence.

BUSINESS LICENSE means a Business License issued by the City of Antioch Business License division to an Alarm Installation Company or Monitoring Company to conduct business in the City.

CANCELLATION means the termination of a Police response to an Alarm Site after an Alarm Dispatch Request is made but before an officer's arrival at the Alarm Site.

CONVERSION OF ALARM USER means the transaction or process by which one Alarm Installation Company or Monitoring Company begins the servicing or monitoring of a previously unmonitored Alarm System or an Alarm System that was previously serviced or monitored by another alarm company.

CITY means City of Antioch.

DURESS ALARM means a silent Alarm System signal generated by the entry of a designated code into an Arming Station in order to signal that the Alarm User is being forced to turn off the system and requires an officer response.

ENHANCED CALL CONFIRMATION (ECC) means an attempt by the Monitoring Company, or its representative, to contact the Alarm Site and/or Alarm User and/or the Alarm User's designated representatives by telephone and/or other electronic means, whether or not actual contact with a Person is made, to determine whether an alarm signal is valid before requesting a Police Burglar Alarm Dispatch, in an attempt to avoid an unnecessary Alarm Dispatch Request. For the purpose of this Chapter, telephone confirmation shall require, as a minimum that a second call be made to a different number, if the first attempt fails to reach an Alarm User who can properly identify themselves to determine whether an alarm signal is valid before requesting an officer dispatch. Names and numbers of those contacted or attempted to contact, shall be provided when requested.

FALSE ALARM means an Alarm Dispatch Request to the Police Department, which results in the responding officer finding no evidence of a criminal offense or attempted criminal offense after completing an investigation of the Alarm Site.

HOLDUP ALARM means a silent alarm signal generated by the manual activation of a device intended to signal a robbery in progress.

LOCAL ALARM SYSTEM means an unmonitored Alarm System that annunciates an alarm only at the Alarm Site or is a self-monitored Alarm Site.

MONITORING means the process by which a Monitoring Company receives signals from an Alarm System and relays an Alarm Dispatch Request to the Police Department.

MONITORING COMPANY means a Person in the business of providing Monitoring services.

ONE PLUS DURESS ALARM means the manual activation of a silent alarm signal by entering a code that adds one number to the last digit of the normal arm/disarm code (e.g., normal code = 1234, one plus duress code = 1235).

PANIC ALARM means an Alarm System signal generated by the manual activation of a device intended to signal an emergency situation requiring an officer response.

PERSON means an individual, corporation, limited liability company, partnership, association, organization or similar entity.

POLICE means the Antioch Police Department.

POLICE CHIEF means the Police Chief of the Antioch Police Department or his designee.

PROTECTIVE OR REACTIVE ALARM SYSTEM means an Alarm System that produces a temporary disability or sensory deprivation through use of chemical, electrical, sonic or other means, including use of devices that obscure or disable a Person's vision.

REGISTRATION NUMBER means a unique individual number assigned to an Alarm User as part of Alarm Registration issued by the Police Department.

RESPONSIBLE PARTY means a Person capable of appearing at the Alarm Site upon request who has access to the Alarm Site, the code to the Alarm System and the authority to approve repairs to the Alarm System.

ROBBERY ALARM means an alarm signal generated by the manual or automatic activation of a device, or any system, device or mechanism on or near the premises intended to signal that a robbery is in progress and that a Person is in need of immediate Police assistance in order to avoid bodily harm, injury or death. The term has the same general meaning as "Holdup Alarm or Duress Alarm."

TAKEOVER means the transaction or process by which an Alarm User takes over control of an existing Alarm System that was previously controlled by another Alarm User.

ZONES mean a division of devices into which an Alarm System is divided to indicate the general location from which an Alarm System signal is transmitted.

§ 4-14.03 ADMINISTRATION; FUNDING; INCREASES IN FEES AND FINES; ANNUAL EVALUATION.

(A) Responsibility for administration of this Chapter is vested with the Police Department.

(B) The Police Department shall designate an Alarm Administrator to carry out the duties and functions described in this section.

(C) Monies generated by fees and fines assessed pursuant to this section shall be deposited into the City's General Fund.

(D) The amount of the fees and fines set forth in this section shall be specified in the City Master Fee Schedule, which may only be revised by a duly-adopted resolution of the City Council. For purposes of this subsection, "fees" include any type or class of fee and includes late charges.

(E) The Alarm Administrator shall conduct an annual evaluation and analysis of the effectiveness of this Chapter and identify and implement system improvements as warranted.

§ 4-14.04 ALARM REGISTRATIONS REQUIRED; TERMS; FEES AND FEE COLLECTION.

(A) An Alarm User shall not operate, or cause to be operated, any Alarm System without a valid Alarm Registration. A separate Alarm Registration is required for each Alarm Site having a distinct address or business name. A registration fee including a completed Alarm Registration application shall be received and approved by the Alarm Administrator prior to any Alarm System activation. A thirty (30) day grace period shall be granted from the date of all new alarm installations or takeovers between two alarm users, to accommodate the registration application process.

(B) Owners of Local Alarm Systems are required to adhere to all sections of this Chapter and are subject to all fees, fines, suspensions, penalties or other requirements that are applicable.

(C) The fee for a new initial Alarm Registration and the Alarm Registration renewal fee shall be collected by the Alarm Administrator.

(D) Existing Alarm Systems:

1. Any Alarm System that has been installed before the effective date of this Ordinance shall be registered and a registration fee collected by the Alarm Administrator.

a. The Alarm Agreement Holding Company shall provide to the Alarm Administrator within forty (40) days of the effective date of this Ordinance, an Alarm User List of existing Alarm Users in the City, in a format approved by the Alarm Administrator, including name, address, billing address and telephone number.

b. The Alarm Agreement Holding Company may apply to the Alarm Administrator for an extension of the time limit in subsection (a) based on extenuating circumstances.

2. The Alarm Agreement Holding Company may, through a mutual written agreement, have another Alarm Company provide the Alarm User's list.

(E) New Alarm Systems:

1. Any Alarm Installation Company that installs an Alarm System on premises located within the City of Antioch shall notify the Alarm Administrator within twenty (20) days that an Alarm System has been installed and send the Alarm Administrator the required information.

2. In the case of self-installed alarm systems that are to be monitored by a Monitoring Company, the Monitoring Company shall act as the Alarm Installation Company regarding the duties to notify the Alarm Administrator.

3. Failure of an Alarm Installation Company to notify the Alarm Administrator of a new Alarm System installation within twenty (20) days of installation shall result in a fine as established by resolution of the city council to be imposed on the Alarm Installation Company.

4. The initial Alarm Registration fee shall be collected by the Alarm Administrator. Failure of the Alarm User to submit an application and registration fee within the thirty (30) days after notice shall result in the Alarm System being classified as non-registered and late charges being assessed.

(F) Alarm Registration and Renewal Fees

1. An Alarm Registration shall expire one year from the date of issuance and must be renewed annually by the Alarm User. The Alarm Administrator

shall notify the Alarm User of the need to renew the registration thirty (30) days prior to the expiration of the registration. It is the responsibility of the Alarm User to submit the updated information and renewal fees prior to the registration expiration date. Failure to renew shall be classified as use of a non-registered Alarm System and subject the Alarm Site to a suspension and late charge.

2. Registration fees shall be collected annually based on a one-year registration period. The amount of the registration and renewal fees required are established by resolution of the City Council.

(G) Late charge. Alarm Users who fail to make payment for an Alarm Registration prior to the registration's expiration date will be assessed a late charge as established by resolution of the City Council.

(H) Refunds. No refund of a registration fee or registration renewal fee will be made.

(I) Upon receipt of a completed Alarm Registration application form and the Alarm Registration fee, the Alarm Administrator shall issue a Registration Number or Alarm Registration renewal to the applicant unless:

1. The applicant has failed to pay any fee or fine assessed under this chapter; or

2. An Alarm Registration for the Alarm Site has been suspended, and the condition causing the suspension has not been corrected; or

3. The Alarm Installation Company and/or the Monitoring Company listed on the registration application are not in possession of a current valid State of California Department of Consumer Affairs Alarm Company Operators License.

4. Any false statement of a material fact made by an applicant for the purpose of obtaining an Alarm Registration shall be sufficient cause for refusal to issue an Alarm Registration.

(J) Exceptions.

1. Government entities (including but not necessarily limited to the City, County, State, Federal and School Districts) and places of worship, must obtain Alarm Registrations for all Alarm Systems on property under their control within the boundaries of Antioch, but are exempt from payment of Alarm Registration and renewal fees.

2. All registration-fee-exempted alarm sites are required to obtain and maintain a valid Alarm Registration for a Police response and are exempt from all other fees, fines and suspension enforcements.

3. A fee/fine-exempted alarm site may lose its exempt status at the discretion of the Police Chief, if it fails to maintain the operational reliability of the Alarm system or refuses to work with the Alarm Administrator or City in reducing or eliminating False Alarm Dispatch Requests.

§ 4-14.05 REGISTRATION APPLICATION; CONTENTS.

An application for an Alarm Registration must be in a format provided by the Police Department. The information required on such forms shall be determined by the Alarm Administrator. Registration applicants acknowledge that the Police response may be influenced by factors including, but not limited to, the availability of officers, priority of calls, traffic conditions, weather conditions, emergency conditions, prior alarm history, administrative actions and staffing levels.

§ 4-14.06 TRANSFER OF REGISTRATION PROHIBITED.

(A) An Alarm Registration cannot be transferred to another Person or Alarm Site. An Alarm User shall inform the Alarm Administrator and their Alarm Company of any change to the information listed on the Alarm Registration application within ten (10) business days after such change.

(B) Exceptions may be made when the transfer proposed involves an Alarm User moving to another residence in the City of Antioch or when the transfer is among members of the family of the original registration holder or successors in interest to the property for which the Alarm Registration has been issued.

§ 4-14.07 DUTIES OF ALARM USERS.

(A) An Alarm User shall:

1. Maintain the Alarm Site and the Alarm System in a manner that will minimize or eliminate False Alarms;

2. Make every reasonable effort to arrive at the Alarm System's location within thirty (30) minutes after being requested by the Monitoring Company or Police Department in order to:

- a. Deactivate an Alarm System;
- b. Provide access to the Alarm Site; and/or

c. Provide alternative security for the Alarm Site.

3. Provide his, her, or its Monitoring Company with the updated names and telephone numbers of at least two individuals who are able and have agreed to:

a. Receive notification of an Alarm System activation at any time;

b. Respond to the Alarm Site at any time; and

c. Provide access to the Alarm Site and deactivate the Alarm System, if necessary.

4. Not activate an Alarm System for any reason other than an occurrence of an event that the Alarm System was intended to report.

5. Notify his, her, or its Monitoring Company of any suspension of Police response (as provided for under this Chapter) and request that the Monitoring Company not make an Alarm Dispatch Request.

(B) No Person shall operate or cause to be operated any Automatic Voice Dialer which, when activated, uses a telephone device or attachment to automatically dial a telephone line leading into the Police Department or the City and then transmit any pre-recorded message or signal.

(C) An Alarm User shall keep a set of written operating instructions for each Alarm System at each Alarm Site.

§ 4-14.08 AUDIBLE ALARMS; RESTRICTIONS, ABATEMENT OF MALFUNCTIONING ALARM.

(A) No Alarm System shall emit a sound resembling an emergency vehicle siren or civil defense warning. The Chief of Police shall make the final determination regarding any question of an audible alarm within this section.

(B) After the effective date of this ordinance no one shall install, modify or repair an Alarm System in the City of Antioch that has a siren, bell or other signal that is audible from any property adjacent to the Alarm Site that sounds for longer than fifteen (15) consecutive minutes after the alarm is activated, or that repeats the fifteen (15) minute audible cycle more than two consecutive times during a single armed period.

(C) In the event that an audible alarm is activated and fails to reset itself or continues to activate for more than sixty (60) minutes and the responsible person listed

on the Alarm Registration or other responsible person cannot or will not respond and silence the alarm, and the continued activation of the alarm is creating a disturbance, the Police Department may cause the alarm to be silenced in a manner determined appropriate for the circumstances. The Alarm User shall be held responsible for the actual costs involved to abate the malfunctioning alarm. The City, its employees or agents shall not be responsible or liable for damage resulting from such disconnection.

§ 4-14.09 REGISTRATION AND DUTIES OF ALARM INSTALLATION COMPANIES AND MONITORING COMPANIES.

(A) Registration.

1. No alarm company operator or alarm agent, as defined by the California Business and Professions Code 7590, shall install, maintain, or repair any alarm system within the City unless the alarm company operator or alarm agent has, prior to performing such work, obtained a City Business License.

2. Each Alarm Installation Company and Alarm Monitoring Company must designate one individual as the Alarm Response Manager (ARM) for the company. The individual designated as the ARM must be knowledgeable of the provisions of this Chapter, as well as have the knowledge and authority to deal with False Alarm issues and respond to requests from the Alarm Administrator. The name, contact number, and email address of the ARM shall be provided to the Alarm Administrator. Failure to comply within thirty (30) days after being notified in writing from the Alarm Administrator may result in the suspension of Police Department response to Alarm Dispatch Requests from the non-complying Alarm Installation Company or Monitoring Company.

3. Each Alarm Installation Company shall provide the name, address and phone number of any Monitoring Company it is using to monitor its Alarm Sites within the City, and Monitoring Companies shall do the same for Alarm Installation Companies that use their monitoring services within the City. Each Alarm Installation Company conducting business in the city and each Monitoring Company conducting business in the city shall possess a current city business license as required by this code.

(B) Alarm Installation Companies shall:

1. Upon the installation or activation of an Alarm System, the Alarm Installation Company shall distribute to the Alarm User information summarizing:

a. The applicable law relating to False Alarms, including the Registration Fee and the potential for fines and suspension of an Alarm Registration;

b. How to prevent False Alarms; and

c. How to operate the Alarm System.

2. After the effective date of this Ordinance, Alarm Installation Companies shall not program Alarm Systems so that they are capable of sending One Plus Duress Alarms. Monitoring Companies may continue to report One Plus Duress Alarms received from Alarm Systems programmed with One Plus Duress Alarms installed prior to the effective date of this Ordinance.

3. After the effective date of this Ordinance, Alarm Installation Companies shall not install, modify or repair "single action" devices for the activation of Hold-up, Robbery or Panic Alarms. New devices shall require two actions or an activation time delay to provide more positive assurance that the user intends to activate the device.

4. All audible Alarm Systems shall include a device which will limit the duration of the audible alarm to a period of not more than fifteen (15) minutes per activation.

5. An Alarm Installation Company shall not use an Automatic Voice Dialer for any Alarm System which, when activated, uses a telephone device or attachment to automatically dial a telephone line leading into the Police Department or the City and then transmit any pre-recorded message or signal.

6. Ensure that Alarm Users of Alarm Systems equipped with a Duress, Robbery, Holdup or Panic Alarm have been provided adequate training as to the proper use of the Alarm System's operation and function.

7. All Alarm Systems shall be supplied with an uninterrupted power supply in such a manner that the failure or interruption of the normal electric utility service for a period of up to four (4) hours will not activate the Alarm System.

(C) A Monitoring Company shall:

1. Report alarm signals by using telephone numbers or procedure designated by the Alarm Administrator or other approved communication processes.

2. Immediately make an Alarm Dispatch Request on all Robbery, Holdup, and Duress alarm signals.

3. Employ Alarm Confirmation (AC) on all Burglar Alarm Dispatch Requests. Failure to employ AC shall result in a fine as established by resolution of the City Council. Alarm Confirmation may be one of the following:

- a. The monitoring company has contacted the Alarm Site and/or Alarm User and/or the Alarm User's designated representatives by telephone and/or other electronic means and spoken to a person who believes the alarm signal is not a False Alarm and is requesting a Police response; or
- b. The alarm site is equipped with an interior or exterior video or audio monitored remotely by the monitoring company or the alarm user, and it can be seen or heard that a criminal act has occurred or is occurring, requiring a Police response; or
- c. The alarm site is equipped with a control panel which has confirmed that a glass break sensor has been triggered or at least two (2) independent zones, (e.g., an exterior perimeter and an interior zone) have been triggered and the monitoring company has completed Enhanced Call Confirmation (ECC) to the alarm user; or
- d. The alarm is an older system and not in compliance with the two (2) independent zone standards, therefore, the monitoring company has received two (2) or more alarm signals during the same alarm event period and has completed the Enhanced Call Confirmation (ECC).

The Antioch Police Department may refuse to accept an Alarm Dispatch Request from a Monitoring Company that has failed to comply with the procedures required by Alarm Confirmation. This subsection becomes effective Ninety (90) days after the effective date of this Ordinance.

4. On all Panic Alarms make a least one attempt to contact the Alarm Site and/or Alarm User by telephone and/or other electronic means, whether or not actual contact with a person is made, to determine whether a Panic Alarm signal is valid before requesting an Alarm Dispatch, in an attempt to avoid an unnecessary Panic Alarm Dispatch Request.

5. Communicate Alarm Dispatch Requests to the Police Department in a manner and form determined by the Alarm Administrator.

6. Communicate Cancellations to the Police Department in a manner and form determined by the Alarm Administrator.

7. Communicate all available Zone activations information (north, south, front, back, door, window etc.) about the location of an alarm signal(s) as part of an Alarm Dispatch Request.

8. Communicate the type of alarm activation (silent or audible, interior or perimeter), if available, on any Alarm Dispatch Request.

9. Notify Communications (Dispatch) of any Alarm Site that it knows, or reasonably should know has guard dog(s), pets or is fitted with a Protective-Reactive Alarm System. During any alarm at such a site, a Responsible Party must be contacted and confirm that he or she will respond to the Alarm Site to disarm the device or take control of the guard dog(s).

10. After an Alarm Dispatch Request, promptly advise the Police Department if the Monitoring Company knows that the Alarm User or a Responsible Party is on the way to the Alarm Site;

11. Each Monitoring Company must maintain, for a period of at least one (1) year after the date of an Alarm Dispatch Request, all records relating to the Alarm Dispatch Request. Records must include the name, address and telephone number of the Alarm User, each Alarm System zone activated, the time of Alarm Dispatch Request and evidence of all attempts to verify. The Alarm Administrator may request copies of such records for any individual Alarm User. If the request is made within sixty (60) days after an Alarm Dispatch Request, the Monitoring Company shall furnish requested records within three (3) business days after receiving the request. If the records are requested between sixty (60) days and one (1) year after an Alarm Dispatch Request, the Monitoring Company shall furnish the requested records within thirty (30) days after receiving the request.

12. Each Monitoring Company shall, upon request, immediately provide the Police Department with the names and phone numbers of the Alarm User's emergency contacts at the time of each Alarm Dispatch Request.

(D) Conversion of Alarm Users. An Alarm Installation Company or Monitoring Company that converts the servicing of any Alarm System account from another company shall notify the Alarm Administrator of such conversion and shall make a reasonable effort to provide to the Alarm Administrator, within sixty (60) days from the date of conversion, an Alarm User List of the converted accounts, in a format acceptable to the Alarm Administrator.

§ 4-14.10 DUTIES AND AUTHORITY OF THE ALARM ADMINISTRATOR.

(A) The Alarm Administrator shall:

1. Designate the manner and form of Alarm Dispatch Requests and the telephone numbers and/or communication process that are to be used for such requests; and

2. Establish a procedure to accept Cancellation of Alarm Dispatch Requests.

(B) The Alarm Administrator shall establish a procedure to acquire and record information on Alarm Dispatch Requests.

(C) The Alarm Administrator shall establish and implement a procedure to notify the Alarm User of a False Alarm. The notice shall include the following:

1. The date and time of an officer's response to the False Alarm; and
2. Any False Alarm fine incurred.

(D) The Alarm Administrator may require that a conference be held with an Alarm User and the Alarm Installation Company or Monitoring Company responsible for repairing or monitoring of the Alarm System to review the circumstances of each False Alarm. The conference may be held in Person or through a conference telephone call, at the Alarm Administrator's discretion. Failure to participate may result in suspension of the Alarm Registration, as indicated by the facts of the case.

(E) The Alarm Administrator may establish an Alarm User Awareness Class. The Alarm Administrator may request the assistance of associations, alarm companies and law enforcement agencies in developing and implementing the class. The class shall inform Alarm Users of the Alarm Ordinance; problems created by False Alarms and teach Alarm Users how to avoid creating False Alarms.

(F) If a false Robbery, Holdup or Panic Alarm has occurred and the alarm was triggered using a single action, non-recessed device, the Alarm Administrator may consider a waiver or partial waiver of the False Alarm fine, if action is taken by the Alarm User to remove or replace the single action, non-recessed device.

(G) The Alarm Administrator shall make a copy of this Ordinance and/or an ordinance summary sheet available to each Alarm User.

(H) The Alarm Administrator may use electronic means to communicate with Alarm Users, Alarm Installation Companies and Monitoring Companies when applicable or when requested by the recipient and at the Alarm Administrators discretion.

§ 4-14.11 FALSE ALARM FINES; FEES; LATE CHARGES.

(A) The Alarm Administrator may assess the Alarm User a fine for a False Alarm occurring at that Alarm User's Alarm Site. The amount of said fines for the listed categories shall be established by City Council and may be subsequently amended by resolution of the City Council.

(B) If a False Alarm fine is not paid within thirty (30) days after the invoice is mailed, a late charge as established by resolution of the City Council shall be imposed.

(C) Fines for False Alarms from Non-Registered Alarm Systems. For person(s) operating a Non-Registered Alarm System incurring a False Alarm, fines shall be imposed as established by resolution of the City Council.

(D) If Cancellation of a Police response occurs prior to the officer's arrival at the Alarm Site, the response is not considered a False Alarm and no False Alarm fine will be assessed.

(E) The Alarm Installation Company shall be assessed a fine in an amount established by resolution of the City Council if the police respond to a False Alarm and determine that an on-site employee of the Alarm Installation Company directly caused the False Alarm. Such False Alarms are not included in the total number of False Alarms for the Alarm User, nor is the Alarm User to be held liable for any False Alarm fine resulting from such alarm activation.

(F) A fine in an amount established by resolution of the City Council shall be imposed against any Monitoring Company that fails to verify Alarm System signals as required in subsection 4-14.09 (C) of this Chapter.

(G) Notice of the right of appeal under this ordinance will be included with notice of any fine.

(H) All registration fees, renewal registration fees or fines assessed under this section are due within thirty (30) days of written notice unless otherwise noted. A late charge in an amount established by resolution of the City Council shall be imposed for each individual fee or fine due that is not paid within thirty (30) days.

(I) The Alarm Administrator will charge a False Alarm fine after the second False Alarm during the Alarm User's one-year registration period. A False Alarm fine will be charged for each subsequent False Alarm during the Alarm User's one-year registration period. The Alarm Administrator may waive the False Alarm fine pending the successful completion of the Online Alarm User Awareness Class available through the Alarm Administrator. In order to have the fine waived, the Alarm User shall have successfully completed the class within thirty (30) days of the fine notice. Alarm Users without online access may request the online school and test be mailed to them. Reasonable additional time to complete the Alarm User Awareness Class shall be allowed for mail delivery.

§ 4-14.12 NOTICE TO ALARM USERS OF FALSE ALARMS AND SUSPENSION OF A POLICE RESPONSE.

(A) The Alarm Administrator shall notify the Alarm User in writing or by other electronic means after each False Alarm. The notice shall include the amount of the fine for the False Alarm, the fact that Police response to further alarms may be suspended

after the fourth False Alarm during the Alarm User's one-year Alarm Registration period and that the Alarm User has the right to appeal.

(B) The Alarm Administrator shall notify the Alarm User in writing thirty (30) days beforehand that a Police Department response to further alarms is to be suspended. The right of appeal under this Ordinance shall be included with the notice. The notice of suspension shall also include the amount of any fees and/or fines due and a description of the reinstatement process.

§ 4-14.13 ALARM REGISTRATION SUSPENSION, FEES, FINES, VIOLATION TO MAKE ALARM DISPATCH REQUEST FOR SUSPENDED ALARM SITE.

(A) The Alarm Administrator shall notify the Police Department of each Alarm User whose Alarm Registration qualifies for suspension under this section. The Alarm Administrator may suspend an Alarm Registration if it is determined that:

1. There is a false statement of a material fact in the registration application; or

2. The Alarm User has had four or more False Alarms within the one-year registration period, except that the Alarm Administrator may waive a suspension of a registration upon receipt of documented work orders showing reasonable attempts to repair the Alarm System prior to the notice of suspension.

3. The Alarm User fails or refuses to pay an Alarm Registration or Alarm Registration Renewal fee, False Alarm fine, late charge, or any other fee, fine, or charge assessed under this section.

(B) It is a violation of this section for a Person to operate an Alarm System during the period in which the Alarm Registration is suspended. It is a violation of this Chapter for a Monitoring Company to make an Alarm Dispatch Request to an Alarm Site after the Monitoring Company's Alarm Response Manager (ARM) has been notified by electronic mail by the Alarm Administrator that the registration for that Alarm Site has been suspended. A grace period of five (5) business days after the ARM's notification shall be granted the Monitoring Company to comply. The Alarm Monitoring Company shall be assessed a fine in an amount established by resolution of the City Council for requesting an Alarm Dispatch Request on a suspended Alarm Site.

(C) False Alarm Fines under Suspension status. In addition to the fines set forth in subsection 4-14.11(A), a supplemental fine is hereby imposed upon any Person operating a suspended Alarm System. The amount of said fines shall be established by resolution of the City Council.

(D) It shall be the responsibility of the Alarm User to notify their respective Alarm Monitoring Company of their suspension status. An Alarm User shall be held financially accountable for all false alarm fines incurred except as noted in subsection 4-14.11 (F).

(E) Unless there is a separate indication that there is a crime in progress, the Police Department may or may not dispatch an officer to an Alarm Site for which an Alarm Registration is suspended.

§ 4-14.14 APPEALS OF DETERMINATIONS REGARDING ALARM REGISTRATIONS, FEES AND FINES.

(A) If the Alarm Administrator assesses a fee or fine, suspends an Alarm Registration or denies the issuance, renewal or reinstatement of an Alarm Registration, the Alarm Administrator shall send notice of the action and a statement of the right to appeal to the affected applicant, Alarm User, Alarm Installation Company or Alarm Monitoring Company.

(B) The applicant, Alarm User, Alarm Installation Company or Alarm Monitoring Company may appeal any action described in subsection (A) above to the Police Chief by setting forth in writing the reasons for the appeal and delivering the appeal to the Police Chief within thirty (30) days after receipt of notice of the action. Failure to deliver the appeal within that time period is a waiver of the right to appeal.

(C) The procedure for an appeal to the Police Chief is as follows:

1. The applicant, Alarm User, Alarm Installation Company or Monitoring Company may file a written request for appeal by setting forth the reasons for the appeal. The appeal must be entitled "Appeal from Alarm Administrator's Action."

2. The Police Chief shall conduct a review of the appeal and render a decision within thirty (30) days after the Police Department's receipt of the request for appeal and shall consider the evidence submitted by the appealing party and the Alarm Administrator. The Police Chief must base the decision on the preponderance of evidence presented and the decision shall affirm or reverse the decision or action taken by the Alarm Administrator.

3. Filing of an appeal stays any action by the Alarm Administrator to suspend an Alarm Registration or require the payment of a fee or fine until the appeal process has been exhausted. This provision applies only to the action of the Alarm Administrator that is the subject of the appeal. This provision does not operate as a bar to enforcement action on violations of this section that occur thereafter.

(D) The Alarm Administrator or the Police Chief, may adjust the count of False Alarms or assessed fees based on:

1. Evidence that a False Alarm was caused by action of a communications service's provider (i.e. telephone, cellular, cable company);

2. Evidence that a False Alarm was caused by a power outage of more than four (4) hours or severe weather such as an earthquake, flooding, or excessive winds.

3. Evidence that an Alarm Dispatch Request was not a False Alarm;
or

4. The occurrence of multiple alarms within a 24-hour period, which may be considered as one False Alarm if the Alarm User has taken corrective action, unless the False Alarms are directly caused by the Alarm User.

(E) The Alarm Administrator may waive all or part of a False Alarm fine due to extenuating circumstances or to encourage corrective action with supervisor approval.

§ 4-14.15 REINSTATEMENT OF SUSPENDED ALARM REGISTRATIONS.

(A) On the suspension of an Alarm Registration, an Alarm User whose Alarm Registration has been suspended may obtain reinstatement of the registration by the Alarm Administrator if the Alarm User:

1. Pays, or otherwise resolves, all outstanding fees, fines, and other charges;

2. Submits a written notice from an Alarm Installation Company stating that the Alarm System has been inspected and repaired (if necessary) by the Alarm Installation Company;

3. The Alarm User successfully completes an Alarm User Awareness Class and test.

(B) The Police Department shall reinstate its response to an Alarm Site as soon as is practicable after receiving notice of reinstatement from the Alarm Administrator. The Alarm User and Monitoring Company shall take notice that the Alarm Site has been officially reinstated only after receiving notice from the Alarm Administrator of that fact. It shall be the responsibility of the Alarm User to verify that his, her, or its registration status and future police response has been properly restored.

§ 4-14.16 SUSPENSION OF POLICE RESPONSE TO DISPATCH REQUESTS FROM CERTAIN ALARM INSTALLATION COMPANIES AND MONITORING COMPANIES.

(A) The Police Chief may suspend Police response to an Alarm Dispatch Request from an Alarm Installation Company or Monitoring Company if it is determined that:

1. There is a violation of this chapter by the Alarm Installation Company or Monitoring Company and the condition causing the violation has not been corrected and/or;

2. The Alarm Installation Company or Monitoring Company has failed to pay any fee, fine, or other charge assessed under this section, more than sixty (60) days after the fee, fine, or other charge is due.

(B) The Police Department may not respond to any Alarm Dispatch Request where the Alarm Installation Company or Monitoring Company who installed or monitors that alarm has failed to comply with California licensing requirements or failed to maintain a valid copy of the State of California Department of Consumer Affairs Alarm Company Operators License.

(C) A suspension of Police response made pursuant to this subsection is subject to the appeal process provided for within this Chapter. In addition, the Alarm Administrator has the ability to accept a workable solution from the affected party prior to an appeal. The affected party has sixty (60) days after the written notice of suspension before Police response is suspended to its alarm customers.

(D) The Alarm Administrator shall notify all known Alarm Users subscribing to an Alarm Installation Company or an Alarm Monitoring Company that the Police Department has suspended response to the company's Alarm Dispatch Requests.

§ 4-14.17 POLICE DEPARTMENT RESPONSE.

A. Subject to the suspension provisions in section 4-14.13 above and the discretion discussed in section 4-14.19 below, the Police Department at its discretion will respond to all "in progress" Robbery, Holdup, Duress, Panic or Burglar Alarms as promptly as possible, taking into account pending calls for service and any policy establishing priority of dispatched calls following notification of the receipt of the alarm from the Monitoring Company. Police supervisors may, in their discretion, cancel a Police response to any or all alarms based on weather or other factors affecting Police service needs.

B. The Police Chief may re-prioritize assignment of Burglar Alarms and response time at any time during a 24-hour period as may be necessary due to the service needs of the community.

§ 4-14.18 CONFIDENTIALITY OF ALARM INFORMATION.

All information contained in documents gathered through Alarm Registrations, the submission of customer lists, the alarm appeal process and records relating to Alarm Dispatch Requests must be held in confidence by all employees of the Alarm Administrator and City. Such information is proprietary and is hereby declared confidential and not a public record. Absent special circumstances, such information must not be released to the public or any Person other than a law enforcement agency or the applicable Alarm User, Alarm Installation Company or Alarm Monitoring Company except pursuant to court order. Per California Government Code 6254(f)

§ 4-14.19 SCOPE OF POLICE DUTY; IMMUNITIES PRESERVED.

The issuance of Alarm Registrations does not create a contract between the Police Department and/or the City and any Alarm User, Alarm Installation Company or Monitoring Company, nor does it create a duty or obligation, either expressed or implied, on the Police Department to respond to any alarm. Any and all liability and consequential damage resulting from the failure of the Police Department to respond to an Alarm Dispatch Request is hereby disclaimed and full governmental immunity as provided by law is retained. By applying for an Alarm Registration, the Alarm User acknowledges that the Police Department response is influenced by the availability of officers, priority of calls, traffic conditions, weather conditions, emergency conditions, staffing levels, prior response history and administrative actions.

Section 2. CEQA Findings.

This project is exempt from environmental analysis under the requirements of the California Environmental Quality Act (CEQA) pursuant to CEQA guidelines sections 15061(b)(3) because it can be seen with certainty that the proposed amendments will not have a significant effect on the environment.

Section 3. Severability.

In the event any section or portion of this ordinance shall be determined to be invalid or unconstitutional, such section or portions shall be deemed severable and all other sections or portions hereof shall remain in force and effect.

Section 4. Effective Date and Publication.

This ordinance shall take effect and be in force thirty (30) days from and after the date of its passage. The City Clerk shall cause the ordinance to be published within fifteen (15) days after its passage in a newspaper of general circulation or by publishing a summary of the proposed ordinance and posting a certified copy of the proposed ordinance in the City Clerk's Office at least five (5) days prior to the City Council meeting at which the ordinance is to be adopted and within fifteen (15) days after its

adopting, publishing a summary of the ordinance with the names of the Council members voting for and against the ordinance.

* * * * *

I HEREBY CERTIFY that the foregoing ordinance was introduced at a regular meeting of the City Council of the City of Antioch held on the 5th day of February, 2019 and passed and adopted at a regular meeting thereof, held on the 26th day of February, 2019, by the following vote:

AYES:

NOES:

ABSENT:

Sean Wright, Mayor of the City of Antioch

ATTEST:

Arne Simonsen, CMC, City Clerk of the City of Antioch




STAFF REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of February 26, 2019

TO: Honorable Mayor and Members of the City Council

SUBMITTED BY: Carlos Zepeda, Acting Operations Supervisor

APPROVED BY: Jon Blank, Public Works Director/City Engineer 

SUBJECT: Cul-De-Sac Trim and Clean Up Bid Award

RECOMMENDED ACTION

It is recommended that the City Council adopt a resolution approving the Cul-de-Sac Trim and Clean Up Bid Award and authorize the City Manager to execute an agreement with Silva Landscape to provide Cul-de-Sac landscaping services for an amount not to exceed \$382,888 for the period of February 27, 2019 through June 20, 2023.

STRATEGIC PURPOSE

This action is essential to Strategy K-1, ensuring well-maintained public facilities, rights-of-way and parks, in that the City of Antioch continually strives to maintain its assets and use of resources to improve the beauty and desirability of its significant landscaped areas, and maintain a culture of cleanliness.

FISCAL IMPACT

Funding for this contract is paid through each of the respective zones' budgets. Zones are funded by property assessments and the General Fund. The annual not to exceed fiscal year contract amounts are shown in the bid tabulation (Attachment B).

DISCUSSION

The proposed contract with Silva Landscaping provides annual trim and clean up services for over 400 cul-de-sac courts. Landscape services are typically performed once a year in the Spring. Beginning with Fiscal Year 2019-20, a second annual trim and clean up is proposed in the Autumn to provide improved quality of service.

Public Works published the request for bids on January 2, 2019. The bids closed on January 16, 2019 and the City received two responsive bids. The lowest responsive responsible bidder is Silva Landscaping.

ATTACHMENTS

- A. Resolution
- B. Bid Tabulation

ATTACHMENT "A"

RESOLUTION NO. 2019/**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH
APPROVING BID AWARDS AND AUTHORIZING THE CITY MANAGER TO
EXECUTE AN AGREEMENT WITH SILVA LANDSCAPE TO PROVIDE CUL-DE-SAC
LANDSCAPING SERVICES FOR AN AMOUNT NOT TO EXCEED \$382,888 FOR
THE PERIOD OF FEBRUARY 27, 2019 THROUGH JUNE 20, 2023**

WHEREAS, the City's Parks and Landscape Division services and maintains landscaped areas and ensures well-maintained public facilities, rights-of way and parks; and

WHEREAS, the Cul-De-Sac Trim and Clean Up contract services will provide the most economical way of aiding the City in its efforts to maintain the City's landscaped cul-de-sacs and culture of cleanliness, and allow for consistent and reliable landscape maintenance service throughout the City despite Parks and Landscaping Division staffing levels; and

WHEREAS, Silva Landscaping submitted the lowest bids for the maintenance contract;

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Antioch hereby approves the Cul-De-Sac Trim and Clean Up Bid Award, authorizes the City Manager to execute the agreement with Silva Landscape for amount not to exceed \$382,888 for the period of February 27, 2019 through June 20, 2023.

* * * * *

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Antioch at a regular meeting thereof, held on the 26th day of February 2019, by the following vote:

AYES:

NOES:

ABSENT:

**ARNE SIMONSEN, CMC
CITY CLERK OF THE CITY OF ANTIOCH**

ATTACHMENT "B"

**Bid Tabulation
Cul-De-Sac Trim and Clean Up
Bid No. 988-0116-19A**

Cul-De-Sac Trim and Clean Up	Silva Landscape	Forster & Kroeger Landscape Maintennace Inc.
FY 2018/19	\$40,304.00	\$91,600.00
FY 2019/20	\$82,440.00	\$172,666.00
FY 2020/21	\$82,440.00	\$172,666.00
Total:	\$205,184.00	\$436,932.00
Optional Two Year Renewal:		
FY 2021/22	\$88,852.00	\$172,666.00
FY 2022/23	\$88,852.00	\$172,666.00
Total:	\$177,704.00	\$345,332.00
Grand Total:	\$382,888.00	\$782,264.00

No-Bid Al Fresco Landscaping Inc.
Brightview
MCE Corporation

Non-responsive Bidders: Rubicon Landscape
Terracare Associates
Del Conte's Landscaping, Inc.
Coast Landscape Maintenance



STAFF REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of February 26, 2019

TO: Honorable Mayor and Members of the City Council

PREPARED BY: Tracy Tope, Assistant Engineer *TAT*

REVIEWED BY: Scott Buenting, Project Manager *SB*

APPROVED BY: Jon Blank, Public Works Director/City Engineer *JB*

SUBJECT: Consideration of Bids for the Prewett Park Concrete Improvements, Phase II (P.W. 567-7)

RECOMMENDED ACTION

It is recommended that the City Council adopt a resolution:

1. Amending the FY18/19 Capital Improvement Budget for the Prewett Park Concrete Improvements, Phase II Project utilizing General Funds in the amount of \$250,000; and
2. Awarding a contract to the lowest responsive and responsible bidder, Mercoza and authorizing the City Manager to execute an agreement in the amount of \$224,700.

STRATEGIC PURPOSE

This item supports Strategy K-1 in the Strategic Plan by ensuring well maintained public facilities and rights-of-way.

FISCAL IMPACT

This project is currently unfunded. Staff is recommending utilizing \$250,000 from the General Fund until further funding has been obtained; if successful in obtaining other funding, the General Fund will be reimbursed. Funds will be utilized for contract administration, engineering, inspection, material testing, and construction of this project.

DISCUSSION

On February 13, 2019, nine bids were received, as shown on the attached tabulation. The low bid was submitted by Mercoza of Campbell in the amount of \$224,700. The bids have been checked and found to be without any errors or omissions.

This project will consist of removing and replacing deteriorated concrete stairs and decking along the main water slides within Prewett Water Park. The specifications for this project require all work to be completed prior to the opening of Prewett Water Park, May 25, 2019.

ATTACHMENTS

A: Resolution

B: Bid Tabulation

RESOLUTION NO. 2019/**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH
AMENDING THE FY18/19 CAPITAL IMPROVEMENT BUDGET, AWARDING THE
PREWETT PARK CONCRETE IMPROVEMENTS, PHASE II AND EXECUTION OF A
CONSTRUCTION AGREEMENT WITH MERCOZA
P.W. 567-7**

WHEREAS, the City Council authorizes an amendment to the Capital Improvement Budget for the Prewett Park Concrete Improvements, Phase II Project in the amount of \$250,000 to be paid from the General Fund; and

WHEREAS, the City Council has considered awarding the Prewett Park Concrete Improvements, Phase II Project to the lowest, responsive and responsible bidder, Mercoza of Campbell in the amount of \$224,700; and

WHEREAS, the City desires to execute a construction agreement with Mercoza in the amount of \$224,700 for the Prewett Park Concrete Improvements, Phase II Project;

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Antioch hereby authorizes an amendment to the FY18/19 Capital Improvement Budget in the amount of \$250,000 to be paid from the General Fund; award the construction contract to the lowest, responsive and responsible bidder, Mercoza; and authorizes the City Manager to execute a construction agreement with Mercoza in the amount of \$224,700, for the Prewett Park Concrete Improvements, Phase II Project, in a form approved by the City Attorney.

* * * * *

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Antioch at a regular meeting thereof, held on the 26th day of February 2019, by the following vote:

AYES:

ABSENT:

NOES:

**ARNE SIMONSEN, CMC
CITY CLERK OF THE CITY OF ANTIOCH**

CITY OF ANTIOCH
TABULATION OF BIDS

JOB TITLE: Prewett Park Concrete Improvements, Phase II
(P.W. 567-7)

BIDS OPENED: February 13, 2019 ~ 2:00 p.m.
City Council Chambers

	Engineer's Estimate	Mercoza Campbell	Kerex Engineering, Inc. Pleasant Hill	R & S Construction Management, Inc. San Francisco	TNB Construction Antioch	Sposeto Engineering, Inc. Livermore
TOTAL BID PRICE	\$285,000.00	\$224,700.00	\$253,200.00	\$258,150.00	\$265,400.00	\$296,825.00

<i>Mercoza</i>	<i>Kerex Engineering, Inc.</i>	<i>R & S Construction Mgmt, Inc.</i>	<i>TNB Construction</i>	<i>Sposeto Engineering, Inc.</i>
<u>Demolition</u> Villalobos & Associates	<u>None</u>	<u>None Submitted</u>	<u>None</u>	<u>None</u>

ATTACHMENT "A"

A
1

CITY OF ANTIOCH
TABULATION OF BIDS

JOB TITLE: Prewett Park Concrete Improvements, Phase II
(P.W. 567-7)

BIDS OPENED: February 13, 2019 ~ 2:00 p.m.
City Council Chambers

	Engineer's Estimate	JD Partners Concrete Pleasanton	Silicon Valley Paving, Inc. San Jose	GEMS Environmental Management Services, Inc. Concord	Saboo, Inc. Brentwood	
TOTAL BID PRICE	\$285,000.00	\$299,500.00	\$317,511.00	\$339,931.60	\$458,750.00	

<i>JD Partners Concrete</i>	<i>Silicon Valley Paving, Inc.</i>	<i>GEMS Environmental Mgmt Services, Inc.</i>	<i>Saboo, Inc.</i>	
<u>Handrails Fabrication & Installation</u> Bay Area Welding	<u>Provide Handrails</u> Hand Rails Unlimited	<u>None</u>	<u>None</u>	

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STAFF REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of February 26, 2019

TO: Honorable Mayor and Members of the City Council

SUBMITTED BY: Justin Pitcher, Aquatic Maintenance Worker II
Julie Haas-Wajdowicz, Environmental Resources Coordinator

REVIEWED BY: James Pflueger, Operations Supervisor

APPROVED BY: Nancy Kaiser, Parks and Recreation Director
Jon Blank, Public Works Director/City Engineer

SUBJECT: Consideration of Bids for the Water Park LED Lighting Retrofit Project (988-0205-19B)

RECOMMENDED ACTION

It is recommended that the City Council adopt a resolution to:

1. Authorize the utilization of the Pacific Gas and Electric Company's on bill financing funding mechanism.
2. Amend the fiscal year 2018/2019 Water Park Fund Budget to include revenues of \$58,109 and Expenses of \$58,109.
3. Award the Contract to the lowest, responsive bidder, JB Electric & Construction Inc. in the amount of \$58,109.
4. Authorize the City Manager to execute a Local Agency and District Customer On-Bill Financing Loan Agreement with Pacific Gas and Electric Company.
5. Authorize the City Manager to execute an agreement with JB Electric & Construction Inc. in the amount of \$58,109.

STRATEGIC PURPOSE

This action supports strategies F-1, J-5, and K-1; working towards a reduction in environmental impacts and Recreation Department budget, and improve overall security, safety, and user experience at the Water Park.

FISCAL IMPACT

Overall, this project has a net neutral fiscal impact. Adoption of this resolution will amend the fiscal year 2018-2019 Water Park budget to include \$58,109 from Pacific Gas and Electric Company through the on-bill financing mechanism. The engineers estimate for this project was \$85,000.

DISCUSSION

The project will consist of furnishing and installing LED lighting for the exterior of the Water Park Facility. On February 5, 2019, 4 bids were received and opened as shown on the attached tabulation. The low bid was submitted by JB Electric & Construction Inc. of Fairfield, California in the amount of \$58,109.40. The bids have been reviewed and found to be without any errors or omissions.

The Antioch Water Park is entering its 25th year of service to the community and during the last several years staff has upgraded operations and implemented efficiencies as funding allowed. In 2010, the City completed a city-wide lighting retrofit with induction lighting. This project covered street lights and park sites throughout the City, with the exception of the Water Park Facility. This project completes the conversion of exterior overhead lighting that was started with the induction lighting project.

The City has worked closely with the Municipal Implementation Team (MIT) Energy Efficiency Program, implemented by Quantum Energy Services & Technologies, Inc., to bring this project to fruition. The MIT Program is funded by PG&E and delivered in coordination with the East Bay Energy Watch Local Government Partnership. Utilization of PG&E's On-Bill Financing Program will allow the City to invest in a capital improvement project without setting aside specific funds to complete this work.

The City will realize immediate operational efficiencies, an immediate reduction of carbon gas emissions, and an eventual reduction in electric cost once the zero-interest loan is repaid through the PG&E bill. Loan repayment is accomplished through the energy savings, allowing the City to realize the immediate benefit of the project without an increase in budgetary expenditure. Once the loan is repaid, the City will then realize a direct savings in electrical cost in the Water Park budget.

In preparation for this project, staff has had two test units installed for evaluation. The original analysis required the installation of 120 watt LED units in each location. The test units were installed at two different wattages. Following the test, staff was able to recommend the installation of 60 watt LED units; a 50% reduction in wattage in order to complete the same job with an increased efficiency as compared to the existing lighting. This approach will provide a quicker return on investment for the City.

The Council could choose not to award this project and staff will continue to maintain the existing, aging infrastructure. The Water Park will be unable to realize immediate operational or greenhouse gas emissions benefits, an eventual reduction in electric costs, and an enhancement to safety and security.

ATTACHMENTS

- A. Resolution
- B. Bid Tabulation

RESOLUTION NO. 2019/**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH
AMENDING THE WATER PARK FUND FISCAL YEAR 2018/19 BUDGET;
AWARDING THE CONTRACT AND AUTHORIZING THE CITY MANAGER TO
EXECUTE AGREEMENTS WITH JB ELECTRIC & CONSTRUCTION, INC. AND
PACIFIC GAS AND ELECTRIC COMPANY FOR THE WATER PARK LED EXTERIOR
LIGHTING RETROFIT PROJECT
BID NO. 988-0205-1B**

WHEREAS, an amendment to the 2018/2019 fiscal year Water Park Fund budget to include \$58,109 from the Pacific Gas and Electric Company’s on bill financing funding mechanism and project expenses of \$58,109 has been considered by City Council; and

WHEREAS, the City Council has considered awarding the Water Park LED Exterior Lighting Retrofit contract to the lowest, responsive and responsible bidder, JB Electric & Construction Inc., Inc. in the amount of \$58,109.40; and

WHEREAS, the City desires to execute a construction agreement with JB Electric & Construction, Inc. in the amount of \$58,109 for the Water Park LED Exterior Lighting Retrofit Project; and

WHEREAS, the City desires to execute a Local Agency and District Customer On-Bill Financing Loan Agreement with Pacific Gas and Electric Company for the Water Park LED Exterior Lighting Retrofit Project; and

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Antioch hereby approves amending the 2018/2019 fiscal year Water Park Fund Budget to include \$58,109 from the Pacific Gas and Electric Company’s on bill financing funding mechanism and project expenses of \$58,109; award the construction contract to the lowest, responsive and responsible bidder, JB Electric & Construction, Inc. and authorizes the City Manager to execute a Maintenance and Trade Services Agreement with JB Electric & Construction, Inc. in the amount of \$58,109.40, and a Local Agency and District Customer On-Bill Financing Agreement with Pacific Gas and Electric Company, in a form approved by the City Attorney

* * * * *

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Antioch at a regular meeting thereof, held on the 26th day of February 2019, by the following vote:

AYES:

ABSENT:

NOES:

**ARNE SIMONSEN, CMC
CITY CLERK OF THE CITY OF ANTIOCH**

ATTACHMENT B

City of Antioch					
Tabulation of Bids					
Water Park LED Exterior Lighting Retrofit					
Bid No. 988-0205-19B					
	Engineers Estimate	JB Electric & Construction	Nema Construction	Clear Blue Energy Corp	ICR Electrical Contractors
Total Bid Price	\$85,000.00	\$58,109.40	\$76,210.00	\$62,974.00	No Bid

CITY OF ANTIOCH AS HOUSING SUCCESSOR TO
THE ANTIOCH DEVELOPMENT AGENCY
CLAIMS BY FUND REPORT
FOR THE PERIOD OF
JANUARY 12 - FEBRUARY 14, 2019
FUND/CHECK#

227 Housing Fund

Housing - CIP

379258 CITY DATA SERVICES LLC	CDBG SERVICES	1,650.00
379269 CONTRA COSTA HEALTH SERVICES	CDBG SERVICES	7,854.82
379283 GOLDFARB AND LIPMAN LLP	CDBG SERVICES	8,451.44
379511 CONTRA COSTA CRISIS CENTER	CDBG SERVICES	2,509.38
379543 INTERFAITH COUNCIL OF CCC	CDBG SERVICES	6,077.50
379586 SHELTER INC	CDBG SERVICES	9,088.76
379590 STAND FOR FAMILIES FREE OF VIOLENCE	CDBG SERVICES	2,339.36
933538 HOUSE, TERI	CONSULTING SERVICES	3,250.00



STAFF REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of February 26, 2019

TO: Honorable Mayor and Members of the City Council

SUBMITTED BY: Forrest Ebbs, Community Development Director *FE*

SUBJECT: Water Efficient Landscape Ordinance

RECOMMENDED ACTION

It is recommended that the City Council introduce the Ordinance to amend the Antioch Municipal Code to adopt, by reference, the State of California Department of Water Resources Model Water Efficient Landscape Ordinance.

STRATEGIC PURPOSE

This action will support Strategy H-2, Update long range planning documents, by amending the Zoning Ordinance to include this State mandate.

FISCAL IMPACT

This action will have no impact on the City budget.

BACKGROUND

In September 2006, the State of California adopted the Water Conservation Landscaping Act of 2006 (AB 1881), which became Government Code Article 10.8 [65591-65599]. As of January 1, 2010, all local jurisdictions were required to have implemented this law. As part of this effort, the California Department of Water Resources (DWR) drafted and distributed a Model Water Efficient Landscape Ordinance (WELO) to assist local agencies with the implementation of this new law. In 2015, Executive Order B-29-15 required that DWR update the 2010 Model WELO to further increase water conservation.

The City of Antioch has generally required that major development projects comply with the Model WELO through project-specific conditions of approval. However, the City has never formally adopted the ordinance or drafted its own comparable version. Absent this action, the State law automatically requires compliance with the DWR Model WELO.

The Planning Commission considered this item at its February 6, 2019 meeting and unanimously recommended that the City Council take the action to amend the Municipal Code and adopt the DWR Model WELO.

PROPOSAL

Staff is proposing to insert a new section into the Zoning Ordinance that would adopt, by reference, the DWR Model WELO. This approach will allow for simpler implementation and, should DWR change the Model Ordinance in the future, the City would not need to update its ordinance.

The proposed text is as follows:

9-5.1006 Adoption of the Model Water Efficient Landscape Ordinance.

The "Model Water Efficient Landscape Ordinance" of the state of California, as contained in California Code of Regulations Title 23 Waters, Division 2 Department of Water Resources, Chapter 2.7 Model Water Efficient Landscape Ordinance, Section 490 et seq., is hereby adopted by reference as the water efficient landscape ordinance of the City of Antioch, as the same may be amended from time to time, as if set out in full in this chapter.

A copy of the Model WELO is attached and is available at:

<https://water.ca.gov/Programs/Water-Use-And-Efficiency/Urban-Water-Use-Efficiency/Model-Water-Efficient-Landscape-Ordinance>

The adoption of this Ordinance will require that the City invest in new processes and programs to fully comply with State law and implement its requirements. Presently, neither the Planning, Building Inspection Services, or Engineering functions robustly address water efficient landscaping and the City is likely out of full compliance with these State requirements. The Model WELO, when implemented, will impose new requirements including, but not limited to, the following:

- A comprehensive Landscape Documentation Package is required for the following types of projects:
 - New construction projects with an aggregate landscape area equal to or greater than 500 square feet requiring a building or landscape permit, plan check or design review.
 - Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 2,500 square feet requiring a building permit or landscape permit, plan check, or design review.
 - Cemeteries and existing landscape areas are largely exempt.
 - Existing single-family homes will NOT be required to comply with any new water efficiency standards or processes.
- The Landscape Documentation Package must demonstrate that the landscaping achieves several complex conservation goals through the submittal of the following documents:
 - Water Efficient Landscape Worksheet
 - Soil Management Report
 - Landscape Design Plan
 - Irrigation Design Plan
 - Grading Design Plan
 - Irrigation Schedule
- Once the Landscape Documentation Package is approved by the Community Development Department and installed, an independent audit is required to demonstrate that the installed landscaping complies with the approved plans.
- Public Education is required by the Ordinance.
 - This will be coordinated through our existing Environmental Resources functions.

- The City is required to submit an annual report to the Department of Water Resources describing the City's compliance and achievements over the prior year.

With the adoption of this local ordinance, Community Development Department staff intends to improve processes to more completely comply with the State law and all of its provisions. New internal procedures will be put in place to receive and archive landscaping plans and applicants will be advised of new requirements regarding the required contents and timing to submit plans and documentation. This process will be consistent with industry standards and with neighboring communities and, as such, should not be burdensome to applicants.

ENVIRONMENTAL

This action is exempt under Section 15307 of the CEQA Guidelines, as it is an action of a regulatory agency for the protection of natural resources.

SUMMARY

In summary, staff recommends that the City Council introduce the ordinance amending the Antioch Municipal Code to adopt, by reference, the State of California Department of Water Resources Model Water Efficient Landscape Ordinance.

ATTACHMENTS

- A. Ordinance
- B. Planning Commission Minutes of February 6, 2019 (Draft)
- C. Model WELO

ATTACHMENT "A"

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF ANTIOCH AMENDING THE ZONING ORDINANCE TO ADOPT, BY REFERENCE, THE STATE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE

The City Council of the City of Antioch does ordain as follows:

SECTION 1:

The City Council determined on _____, that, pursuant to Section 15307 of the Guidelines of the California Environmental Quality Act, the project does not have the potential for causing a significant effect on the environment because it will preserve natural resources.

SECTION 2:

At its regular meeting of February 6, 2019, the Planning Commission recommended that the City Council adopt the Ordinance to amend the Title 9, Chapter 5 of the Antioch Municipal Code (Zoning Ordinance) to adopt, by reference, the State Water Efficient Landscape Ordinance.

SECTION 3:

Section 9-5.1006 is hereby added to Title 9, Chapter 5 of the Antioch Municipal Code (Zoning Ordinance) as follows:

9-5.1006 Adoption of the Model Water Efficient Landscape Ordinance.
Applicability. The "Model Water Efficient Landscape Ordinance" of the state of California, as contained in California Code of Regulations Title 23 Waters, Division 2 Department of Water Resources, Chapter 2.7 Model Water Efficient Landscape Ordinance, Section 490 et seq., is hereby adopted by reference as the water efficient landscape ordinance of the City of Antioch, as the same may be amended from time to time, as if set out in full in this chapter.

SECTION 4:

Severability. If any section, subsection, provision or part of this ordinance, or its application to any person or circumstance, is held to be unconstitutional or otherwise invalid, the remainder of this ordinance, and the application of such provision to other person or circumstances, shall not be affected thereby and shall remain in full force and effect and, to that end, the provisions of this ordinance are severable.

SECTION 5:

This ordinance shall take effect and be enforced thirty (30) days from and after the date of its adoption and shall be published once within fifteen (15) days upon passage and adoption in a newspaper of general circulation printed and published in the City of Antioch.

* * * * *

I **HEREBY CERTIFY** that the forgoing ordinance was introduced and adopted at a regular meeting of the City Council of the City of Antioch, held on the 26th of February 2019, and passed and adopted at a regular meeting thereof, held on the _____ of _____, 2019, by the following vote:

AYES:

NOES:

ABSENT:

Sean Wright, Mayor of the City of Antioch

ATTEST:

**Arne Simonsen, CMC
City Clerk of the City of Antioch**

ATTACHMENT "B"

RESOLUTION NO. 2019-01

On motion by Commissioner Martin, seconded by Commissioner Soliz, the Planning Commission approved the staff report's attached resolution recommending the City Council repeal and replace title 9, Chapter 5 of Article 30 of the Antioch Zoning Ordinance. With the following changes:

- ***9-5.3004 Loss of Nonconforming Status (A) (1) adding language that would allow the Zoning Administrator, Planning Commission or City Council to have the ability to waive the 365-day time period in the event of a catastrophic incident.***
- ***9-5.3004 Loss of Nonconforming Status (B) (1) changing the language that plans for construction shall be submitted to the City within 365 days.***

The motion carried the following vote:

AYES:	Schneiderman, Turnage, Martin, Soliz, Zacharatos
NOES:	None
ABSTAIN:	None
ABSENT:	Motts, Parsons

3. **Z-18-11 - Water Efficient Landscape Ordinance** – The City of Antioch is proposing to adopt an Ordinance that would adopt, by reference the Model Water Efficient Landscape Ordinance drafted and distributed by the State of California Department of Water Resources.

Director of Community Development Ebbs presented the staff report dated January 10, 2019 recommending the Planning Commission adopt a resolution recommending approval of an ordinance to amend the Antioch Municipal Code to adopt by reference, the State of California Model Water Efficient Landscape Ordinance.

In response to Commissioner Martin, Director of Community Development Ebbs explained that in the instance of sports fields, turf would stop where the field ended.

In response to Commissioner Schneiderman, Director of Community Development Ebbs commented that they had not been enforcing the requirements; however, drought tolerant landscaping required very low maintenance, so most people were incentivized to keep it because it was easier and cheaper to maintain. Additionally, he noted when the Landscape Architect approved landscaping, they vouched for what was installed.

In response to Commissioner Soliz, Director of Community Development Ebbs reported that the Department of Water Resources audited the process and if the City was found to be out of compliance, they would most likely consult with the City. He noted the City had been requiring drought tolerant landscaping; however, record keeping could have been more comprehensive. He explained that cemeteries were exempt.

Vice Chair Turnage opened and closed the public hearing with no members of the public requesting to speak.

RESOLUTION NO. 2019-02

On motion by Commissioner Martin, seconded by Commissioner Soliz, the Planning Commission adopted a resolution recommending approval of an ordinance to amend the Antioch Municipal Code to adopt by reference, the State of California Model Water Efficient Landscape Ordinance. The motion carried the following vote:

AYES: Schneiderman, Turnage, Martin, Soliz, Zacharatos
NOES: None
ABSTAIN: None
ABSENT: Motts, Parsons

NEW ITEM

4. **AR-18-10 – Nelson Ranch Unit 3** – K. Hovnanian requests Design Review approval for phase 3 of the Nelson Ranch subdivision, which includes 100 units. The Design Review application consists of four plans with multiple floor plan options with three design schemes and associated landscaping plans. This project has been determined to be exempt from CEQA.

Associate Planner Merldeth presented the staff report dated January 11, 2019 recommending the Planning Commission approve AR-18-10, subject to the conditions in the staff report's attached resolution.

Dave Jacobson, Director of Land Acquisition K. Hovnanian Homes, stated that he appreciated the work of staff and he believed this project would be a great asset to the City.

In response to Commissioner Martin, Mr. Jacobson explained the plot plan for the project. He confirmed that they would work with staff to ensure elevation styles would be varied where the same plans were adjacent to one another.

entering into the loan contract. For investor-owned utilities, meetings or hearings held by the Public Utilities Commission may serve as Project Feasibility Meetings.

(b) Before a Project Feasibility Meeting, the supplier shall:

(1) Make available information describing the project in a form and location that will enable the water users to review it and to make appropriate comments. The information must be made available for a period of at least fifteen days before the Project Feasibility Meeting.

(2) Establish a date for the meeting agreeable to the Department and Department of Health Services.

(3) Notify the Department, the Department of Health Services and appropriate county health agencies in writing at least twenty calendar days before the meeting, and notify all water users and the local news media in writing at least fifteen calendar days before the meeting. The notice shall state: the date, time, location, and purpose of the meeting and the location of information describing the project for review by the water users. Sample notice forms will be provided by the Department.

(4) Obtain a meeting place of sufficient size and at a convenient location to accommodate the anticipated attendance.

(c) The agenda of the meeting shall include the following matters: (1) A discussion of applicable public health and water works standards, existing and potential health hazards associated with the water system, how the proposed project will bring the system to minimum health standards, and alternative solutions to the problem. (2) The supplier shall describe the proposed project in detail, using maps, charts, and other illustrative devices, if appropriate. The discussion shall include the costs, sources of funds, the amount of the loan-grant commitment, and changes in water costs resulting from the project.

(3) A representative of the State may describe the Act, the State's role in its administration and the Department's recommendation regarding the supplier's loan application. Persons present at the meeting shall be permitted to ask questions regarding all subjects discussed at the meeting.

(d) If no representative of the Department is present at the meeting, the supplier shall submit an official written report to the Department describing the meeting and its outcome including the results of any vote taken. NOTE: Authority cited: Section 13834, Water Code. Reference: Section 13834, Water Code.

§ 489.1. Plans and Specifications.

Before commencing construction, each Supplier shall provide detailed plans and specifications to the Department of Health Services for review and approval by a registered Civil Engineer employed by the Department of Health Services. Unless otherwise authorized in writing by the Department of Health Services, the supplier shall not commence construction without written notification from the Department of Health Services that the plans and specifications have been approved.

NOTE: Authority cited: Section 13834, Water Code. Reference: Section 13837, Water Code.

§ 489.2. Certification of Completion.

Department of Health Services shall inspect the completed project and if satisfied that the project has been completed in accordance with approved plans and specifications, shall provide the supplier and the Department with written certification to that effect.

NOTE: Authority cited: Section 13834, Water Code. Reference: Section 13834, Water Code.

Chapter 2.6. Weather Resources Management [Repealed]

NOTE: Authority cited: Sections 161, 401, 403 and 6078, Water Code. Reference: Sections 401, 402 and 403, Water Code and Sections 21000 et seq., Public Resources Code.

HISTORY

1. New Subchapter 2.6 (Articles 1-5, Sections 490-495.03, not consecutive) filed 9-28-79; effective thirtieth day thereafter (Register 79, No. 39).
2. Repealer of Subchapter 2.6 (Articles 1-5, Sections 490-495.03, not consecutive, not previously repealed by OAL Order of Repeal) filed 6-5-86; effective

thirtieth day thereafter (Register 86, No. 23). For prior history, see Register 85, No. 26; 81, Nos. 40 and 38; and 80, No. 7.

Chapter 2.7. Model Water Efficient Landscape Ordinance

§ 490. Purpose.

(a) The State Legislature has found:

(1) that the waters of the state are of limited supply and are subject to ever increasing demands;

(2) that the continuation of California's economic prosperity is dependent on the availability of adequate supplies of water for future uses;

(3) that it is the policy of the State to promote the conservation and efficient use of water and to prevent the waste of this valuable resource;

(4) that landscapes are essential to the quality of life in California by providing areas for active and passive recreation and as an enhancement to the environment by cleaning air and water, preventing erosion, offering fire protection, and replacing ecosystems lost to development;

(5) that landscape design, installation, maintenance and management can and should be water efficient;

(6) that Section 2 of Article X of the California Constitution specifies that the right to use water is limited to the amount reasonably required for the beneficial use to be served and the right does not and shall not extend to waste or unreasonable method of use.

(b) Consistent with the legislative findings, the purpose of this model ordinance is to:

(1) promote the values and benefits of landscaping practices that integrate and go beyond the conservation and efficient use of water;

(2) establish a structure for planning, designing, installing, maintaining and managing water efficient landscapes in new construction and rehabilitated projects by encouraging the use of a watershed approach that requires cross-sector collaboration of industry, government and property owners to achieve the many benefits possible;

(3) establish provisions for water management practices and water waste prevention for existing landscapes;

(4) use water efficiently without waste by setting a Maximum Applied Water Allowance as an upper limit for water use and reduce water use to the lowest practical amount;

(5) promote the benefits of consistent landscape ordinances with neighboring local and regional agencies;

(6) encourage local agencies and water purveyors to use economic incentives that promote the efficient use of water, such as implementing a tiered-rate structure; and

(7) encourage local agencies to designate the necessary authority that implements and enforces the provisions of the Model Water Efficient Landscape Ordinance or its local landscape ordinance.

(c) Landscapes that are planned, designed, installed, managed and maintained with the watershed based approach can improve California's environmental conditions and provide benefits and realize sustainability goals. Such landscapes will make the urban environment resilient in the face of climatic extremes. Consistent with the legislative findings and purpose of the Ordinance, conditions in the urban setting will be improved by:

(1) Creating the conditions to support life in the soil by reducing compaction, incorporating organic matter that increases water retention, and promoting productive plant growth that leads to more carbon storage, oxygen production, shade, habitat and esthetic benefits.

(2) Minimizing energy use by reducing irrigation water requirements, reducing reliance on petroleum based fertilizers and pesticides, and planting climate appropriate shade trees in urban areas.

(3) Conserving water by capturing and reusing rainwater and graywater wherever possible and selecting climate appropriate plants that need minimal supplemental water after establishment.

(4) Protecting air and water quality by reducing power equipment use and landfill disposal trips, selecting recycled and locally sourced materi-

als, and using compost, mulch and efficient irrigation equipment to prevent erosion.

(5) Protecting existing habitat and creating new habitat by choosing local native plants, climate adapted non-natives and avoiding invasive plants. Utilizing integrated pest management with least toxic methods as the first course of action.

NOTE: Authority cited: Section 65593, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 65591, 65593 and 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New chapter 2.7 (sections 490-495) filed 7-31-92; operative 7-31-92 (Register 92, No. 32).
2. Amendment of section and NOTE filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
3. Amendment of subsections (a)(4) and (b)(1)-(2), new subsections (c)-(e)(5) and amendment of NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 490.1. Applicability.

(a) After December 1, 2015, and consistent with Executive Order No. B-29-15, this ordinance shall apply to all of the following landscape projects:

- (1) new construction projects with an aggregate landscape area equal to or greater than 500 square feet requiring a building or landscape permit, plan check or design review;
- (2) rehabilitated landscape projects with an aggregate landscape area equal to or greater than 2,500 square feet requiring a building or landscape permit, plan check, or design review;
- (3) existing landscapes limited to Sections 493, 493.1 and 493.2; and
- (4) cemeteries. Recognizing the special landscape management needs of cemeteries, new and rehabilitated cemeteries are limited to Sections 492.4, 492.11, and 492.12; and existing cemeteries are limited to Sections 493, 493.1, and 493.2.

(b) For local land use agencies working together to develop a regional water efficient landscape ordinance, the reporting requirements of this ordinance shall become effective December 1, 2015 and the remainder of this ordinance shall be effective no later than February 1, 2016.

(c) Any project with an aggregate landscape area of 2,500 square feet or less may comply with the performance requirements of this ordinance or conform to the prescriptive measures contained in Appendix D.

(d) For projects using treated or untreated graywater or rainwater captured on site, any lot or parcel within the project that has less than 2500 sq. ft. of landscape and meets the lot or parcel's landscape water requirement (Estimated Total Water Use) entirely with treated or untreated graywater or through stored rainwater captured on site is subject only to Appendix D section (5).

(e) This ordinance does not apply to:

- (1) registered local, state or federal historical sites;
- (2) ecological restoration projects that do not require a permanent irrigation system;
- (3) mined-land reclamation projects that do not require a permanent irrigation system; or
- (4) existing plant collections, as part of botanical gardens and arboreta open to the public.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 491. Definitions.

The terms used in this ordinance have the meaning set forth below:

(a) "applied water" means the portion of water supplied by the irrigation system to the landscape.

(b) "automatic irrigation controller" means a timing device used to remotely control valves that operate an irrigation system. Automatic irrigation controllers are able to self-adjust and schedule irrigation events using either evapotranspiration (weather-based) or soil moisture data.

(c) "backflow prevention device" means a safety device used to prevent pollution or contamination of the water supply due to the reverse flow of water from the irrigation system.

(d) "Certificate of Completion" means the document required under Section 492.9.

(e) "certified irrigation designer" means a person certified to design irrigation systems by an accredited academic institution, a professional trade organization or other program such as the US Environmental Protection Agency's WaterSense irrigation designer certification program and Irrigation Association's Certified Irrigation Designer program.

(f) "certified landscape irrigation auditor" means a person certified to perform landscape irrigation audits by an accredited academic institution, a professional trade organization or other program such as the US Environmental Protection Agency's WaterSense irrigation auditor certification program and Irrigation Association's Certified Landscape Irrigation Auditor program.

(g) "check valve" or "anti-drain valve" means a valve located under a sprinkler head, or other location in the irrigation system, to hold water in the system to prevent drainage from sprinkler heads when the sprinkler is off.

(h) "common interest developments" means community apartment projects, condominium projects, planned developments, and stock cooperatives per Civil Code Section 1351.

(i) "compost" means the safe and stable product of controlled biologic decomposition of organic materials that is beneficial to plant growth.

(j) "conversion factor (0.62)" means the number that converts acres-inches per acre per year to gallons per square foot per year.

(k) "distribution uniformity" means the measure of the uniformity of irrigation water over a defined area.

(l) "drip irrigation" means any non-spray low volume irrigation system utilizing emission devices with a flow rate measured in gallons per hour. Low volume irrigation systems are specifically designed to apply small volumes of water slowly at or near the root zone of plants.

(m) "ecological restoration project" means a project where the site is intentionally altered to establish a defined, indigenous, historic ecosystem.

(n) "effective precipitation" or "usable rainfall" (Eppt) means the portion of total precipitation which becomes available for plant growth.

(o) "emitter" means a drip irrigation emission device that delivers water slowly from the system to the soil.

(p) "established landscape" means the point at which plants in the landscape have developed significant root growth into the soil. Typically, most plants are established after one or two years of growth.

(q) "establishment period of the plants" means the first year after installing the plant in the landscape or the first two years if irrigation will be terminated after establishment. Typically, most plants are established after one or two years of growth. Native habitat mitigation areas and trees may need three to five years for establishment.

(r) "Estimated Total Water Use" (ETWU) means the total water used for the landscape as described in Section 492.4.

(s) "ET adjustment factor" (ETAF) means a factor of 0.55 for residential areas and 0.45 for non-residential areas, that, when applied to reference evapotranspiration, adjusts for plant factors and irrigation efficiency, two major influences upon the amount of water that needs to be applied to the landscape. The ETAF for new and existing (non-rehabilitated) Special Landscape Areas shall not exceed 1.0. The ETAF for existing non-rehabilitated landscapes is 0.8.

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(t) "evapotranspiration rate" means the quantity of water evaporated from adjacent soil and other surfaces and transpired by plants during a specified time.

(u) "flow rate" means the rate at which water flows through pipes, valves and emission devices, measured in gallons per minute, gallons per hour, or cubic feet per second.

(v) "flow sensor" means an inline device installed at the supply point of the irrigation system that produces a repeatable signal proportional to flow rate. Flow sensors must be connected to an automatic irrigation controller, or flow monitor capable of receiving flow signals and operating master valves. This combination flow sensor/controller may also function as a landscape water meter or submeter.

(w) "friable" means a soil condition that is easily crumbled or loosely compacted down to a minimum depth per planting material requirements, whereby the root structure of newly planted material will be allowed to spread unimpeded.

(x) "Fuel Modification Plan Guideline" means guidelines from a local fire authority to assist residents and businesses that are developing land or building structures in a fire hazard severity zone.

(y) "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to, wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines, and laundry tubs, but does not include wastewater from kitchen sinks or dishwashers. Health and Safety Code Section 17922.12.

(z) "hardscapes" means any durable material (pervious and non-pervious).

(aa) "hydrozone" means a portion of the landscaped area having plants with similar water needs and rooting depth. A hydrozone may be irrigated or non-irrigated.

(bb) "infiltration rate" means the rate of water entry into the soil expressed as a depth of water per unit of time (e.g., inches per hour).

(cc) "invasive plant species" means species of plants not historically found in California that spread outside cultivated areas and can damage environmental or economic resources. Invasive species may be regulated by county agricultural agencies as noxious species. Lists of invasive plants are maintained at the California Invasive Plant Inventory and USDA invasive and noxious weeds database.

(dd) "irrigation audit" means an in-depth evaluation of the performance of an irrigation system conducted by a Certified Landscape Irrigation Auditor. An irrigation audit includes, but is not limited to: inspection, system tune-up, system test with distribution uniformity or emission uniformity, reporting overspray or runoff that causes overland flow, and preparation of an irrigation schedule. The audit must be conducted in a manner consistent with the Irrigation Association's Landscape Irrigation Auditor Certification program or other U.S. Environmental Protection Agency "Watersense" labeled auditing program.

(ee) "irrigation efficiency" (IE) means the measurement of the amount of water beneficially used divided by the amount of water applied. Irrigation efficiency is derived from measurements and estimates of irrigation system characteristics and management practices. The irrigation efficiency for purposes of this ordinance are 0.75 for overhead spray devices and 0.81 for drip systems.

(ff) "irrigation survey" means an evaluation of an irrigation system that is less detailed than an irrigation audit. An irrigation survey includes, but is not limited to: inspection, system test, and written recommendations to improve performance of the irrigation system.

(gg) "irrigation water use analysis" means an analysis of water use data based on meter readings and billing data.

(hh) "landscape architect" means a person who holds a license to practice landscape architecture in the state of California Business and Professions Code, Section 5615.

(ii) "landscape area" means all the planting areas, turf areas, and water features in a landscape design plan subject to the Maximum Applied Wa-

ter Allowance calculation. The landscape area does not include footprints of buildings or structures, sidewalks, driveways, parking lots, decks, patios, gravel or stone walks, other pervious or non-pervious hardscapes, and other non-irrigated areas designated for non-development (e.g., open spaces and existing native vegetation).

(jj) "landscape contractor" means a person licensed by the state of California to construct, maintain, repair, install, or subcontract the development of landscape systems.

(kk) "Landscape Documentation Package" means the documents required under Section 492.3.

(ll) "landscape project" means total area of landscape in a project as defined in "landscape area" for the purposes of this ordinance, meeting requirements under Section 490.1.

(mm) "landscape water meter" means an inline device installed at the irrigation supply point that measures the flow of water into the irrigation system and is connected to a totalizer to record water use.

(nn) "lateral line" means the water delivery pipeline that supplies water to the emitters or sprinklers from the valve.

(oo) "local agency" means a city or county, including a charter city or charter county, that is responsible for adopting and implementing the ordinance. The local agency is also responsible for the enforcement of this ordinance, including but not limited to, approval of a permit and plan check or design review of a project.

(pp) "local water purveyor" means any entity, including a public agency, city, county, or private water company that provides retail water service.

(qq) "low volume irrigation" means the application of irrigation water at low pressure through a system of tubing or lateral lines and low-volume emitters such as drip, drip lines, and bubblers. Low volume irrigation systems are specifically designed to apply small volumes of water slowly at or near the root zone of plants.

(rr) "main line" means the pressurized pipeline that delivers water from the water source to the valve or outlet.

(ss) "master shut-off valve" is an automatic valve installed at the irrigation supply point which controls water flow into the irrigation system. When this valve is closed water will not be supplied to the irrigation system. A master valve will greatly reduce any water loss due to a leaky station valve.

(tt) "Maximum Applied Water Allowance" (MAWA) means the upper limit of annual applied water for the established landscaped area as specified in Section 492.4. It is based upon the area's reference evapotranspiration, the ET Adjustment Factor, and the size of the landscape area. The Estimated Total Water Use shall not exceed the Maximum Applied Water Allowance. Special Landscape Areas, including recreation areas, areas permanently and solely dedicated to edible plants such as orchards and vegetable gardens, and areas irrigated with recycled water are subject to the MAWA with an ETAF not to exceed 1.0. $MAWA = (ET_0) (0.62) [(ETAF \times LA) + ((1-ETAF) \times SLA)]$

(uu) "median" is an area between opposing lanes of traffic that may be unplanted or planted with trees, shrubs, perennials, and ornamental grasses.

(vv) "microclimate" means the climate of a small, specific area that may contrast with the climate of the overall landscape area due to factors such as wind, sun exposure, plant density, or proximity to reflective surfaces.

(ww) "mined-land reclamation projects" means any surface mining operation with a reclamation plan approved in accordance with the Surface Mining and Reclamation Act of 1975.

(xx) "mulch" means any organic material such as leaves, bark, straw, compost, or inorganic mineral materials such as rocks, gravel, or decomposed granite left loose and applied to the soil surface for the beneficial purposes of reducing evaporation, suppressing weeds, moderating soil temperature, and preventing soil erosion.

(yy) "new construction" means, for the purposes of this ordinance, a new building with a landscape or other new landscape, such as a park, playground, or greenbelt without an associated building.

(zz) “non-residential landscape” means landscapes in commercial, institutional, industrial and public settings that may have areas designated for recreation or public assembly. It also includes portions of common areas of common interest developments with designated recreational areas.

(aaa) “operating pressure” means the pressure at which the parts of an irrigation system are designed by the manufacturer to operate.

(bbb) “overhead sprinkler irrigation systems” or “overhead spray irrigation systems” means systems that deliver water through the air (e.g., spray heads and rotors).

(ccc) “overspray” means the irrigation water which is delivered beyond the target area.

(ddd) “parkway” means the area between a sidewalk and the curb or traffic lane. It may be planted or unplanted, and with or without pedestrian egress.

(eee) “permit” means an authorizing document issued by local agencies for new construction or rehabilitated landscapes.

(fff) “pervious” means any surface or material that allows the passage of water through the material and into the underlying soil.

(ggg) “plant factor” or “plant water use factor” is a factor, when multiplied by ETo, estimates the amount of water needed by plants. For purposes of this ordinance, the plant factor range for very low water use plants is 0 to 0.1, the plant factor range for low water use plants is 0.1 to 0.3, the plant factor range for moderate water use plants is 0.4 to 0.6, and the plant factor range for high water use plants is 0.7 to 1.0. Plant factors cited in this ordinance are derived from the publication “Water Use Classification of Landscape Species”. Plant factors may also be obtained from horticultural researchers from academic institutions or professional associations as approved by the California Department of Water Resources (DWR).

(hhh) “project applicant” means the individual or entity submitting a Landscape Documentation Package required under Section 492.3, to request a permit, plan check, or design review from the local agency. A project applicant may be the property owner or his or her designee.

(iii) “rain sensor” or “rain sensing shutoff device” means a component which automatically suspends an irrigation event when it rains.

(jjj) “record drawing” or “as-builts” means a set of reproducible drawings which show significant changes in the work made during construction and which are usually based on drawings marked up in the field and other data furnished by the contractor.

(kkk) “recreational area” means areas, excluding private single family residential areas, designated for active play, recreation or public assembly in parks, sports fields, picnic grounds, amphitheaters or golf course tees, fairways, roughs, surroundings and greens.

(lll) “recycled water,” “reclaimed water,” or “treated sewage effluent water” means treated or recycled waste water of a quality suitable for nonpotable uses such as landscape irrigation and water features. This water is not intended for human consumption.

(mmm) “reference evapotranspiration” or “ETo” means a standard measurement of environmental parameters which affect the water use of plants. ETo is expressed in inches per day, month, or year as represented in Appendix A, and is an estimate of the evapotranspiration of a large field of four- to seven-inch tall, cool-season grass that is well watered. Reference evapotranspiration is used as the basis of determining the Maximum Applied Water Allowances so that regional differences in climate can be accommodated.

(nnn) “Regional Water Efficient Landscape Ordinance” means a local Ordinance adopted by two or more local agencies, water suppliers and other stakeholders for implementing a consistent set of landscape provisions throughout a geographical region. Regional ordinances are strongly encouraged to provide a consistent framework for the landscape industry and applicants to adhere to.

(ooo) “rehabilitated landscape” means any relandscaping project that requires a permit, plan check, or design review, meets the requirements of Section 490.1, and the modified landscape area is equal to or greater than 2,500 square feet.

(ppp) “residential landscape” means landscapes surrounding single or multifamily homes.

(qqq) “run off” means water which is not absorbed by the soil or landscape to which it is applied and flows from the landscape area. For example, run off may result from water that is applied at too great a rate (application rate exceeds infiltration rate) or when there is a slope.

(rrr) “soil moisture sensing device” or “soil moisture sensor” means a device that measures the amount of water in the soil. The device may also suspend or initiate an irrigation event.

(sss) “soil texture” means the classification of soil based on its percentage of sand, silt, and clay.

(ttt) “Special Landscape Area” (SLA) means an area of the landscape dedicated solely to edible plants, recreational areas, areas irrigated with recycled water, or water features using recycled water.

(uuu) “sprinkler head” or “spray head” means a device which delivers water through a nozzle.

(vvv) “static water pressure” means the pipeline or municipal water supply pressure when water is not flowing.

(www) “station” means an area served by one valve or by a set of valves that operate simultaneously.

(xxx) “swing joint” means an irrigation component that provides a flexible, leak-free connection between the emission device and lateral pipeline to allow movement in any direction and to prevent equipment damage.

(yyy) “submeter” means a metering device to measure water applied to the landscape that is installed after the primary utility water meter.

(zzz) “turf” means a ground cover surface of mowed grass. Annual bluegrass, Kentucky bluegrass, Perennial ryegrass, Red fescue, and Tall fescue are cool-season grasses. Bermudagrass, Kikuyugrass, Seashore Paspalum, St. Augustinegrass, Zoysiagrass, and Buffalo grass are warm-season grasses.

(aaaa) “valve” means a device used to control the flow of water in the irrigation system.

(bbbb) “water conserving plant species” means a plant species identified as having a very low or low plant factor.

(cccc) “water feature” means a design element where open water performs an aesthetic or recreational function. Water features include ponds, lakes, waterfalls, fountains, artificial streams, spas, and swimming pools (where water is artificially supplied). The surface area of water features is included in the high water use hydrozone of the landscape area. Constructed wetlands used for on-site wastewater treatment or stormwater best management practices that are not irrigated and used solely for water treatment or stormwater retention are not water features and, therefore, are not subject to the water budget calculation.

(dddd) “watering window” means the time of day irrigation is allowed.

(eeee) “WUCOLS” means the Water Use Classification of Landscape Species published by the University of California Cooperative Extension and the Department of Water Resources 2014.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor’s Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 65592 and 65596, Government Code; and section 11, Governor’s Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 7-31-92; operative 7-31-92 (Register 92, No. 32).
2. Amendment of section and NOTE filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
3. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor’s Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492. Provisions for New Construction or Rehabilitated Landscapes.

(a) A local agency may designate by mutual agreement, another agency, such as a water purveyor, to implement some or all of the requirements contained in this ordinance. Local agencies may collaborate with water purveyors to define each entity’s specific responsibilities relating to this ordinance.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor’s Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596,

Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 7-31-92; operative 7-31-92 (Register 92, No. 32).
2. Amendment of section heading, repealer and new section and amendment of NOTE filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
3. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.1. Compliance with Landscape Documentation Package.

(a) Prior to construction, the local agency shall:

- (1) provide the project applicant with the ordinance and procedures for permits, plan checks or design reviews;
- (2) review the Landscape Documentation Package submitted by the project applicant;
- (3) approve or deny the Landscape Documentation Package;
- (4) issue a permit or approve the plan check or design review for the project applicant; and
- (5) upon approval of the Landscape Documentation Package, submit a copy of the Water Efficient Landscape Worksheet to the local water purveyor.

(b) Prior to construction, the project applicant shall:

- (1) submit a Landscape Documentation Package to the local agency.
- (c) Upon approval of the Landscape Documentation Package by the local agency, the project applicant shall:
 - (1) receive a permit or approval of the plan check or design review and record the date of the permit in the Certificate of Completion;
 - (2) submit a copy of the approved Landscape Documentation Package along with the record drawings, and any other information to the property owner or his/her designee; and
 - (3) submit a copy of the Water Efficient Landscape Worksheet to the local water purveyor.

NOTE: Authority cited: Section 65595, Government Code. Reference: Section 65596, Government Code.

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

§ 492.2. Penalties.

(a) A local agency may establish and administer penalties to the project applicant for non-compliance with the ordinance to the extent permitted by law.

NOTE: Authority cited: Section 65595, Government Code. Reference: Section 65596, Government Code.

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

§ 492.3. Elements of the Landscape Documentation Package.

(a) The Landscape Documentation Package shall include the following six (6) elements:

- (1) project information;
 - (A) date
 - (B) project applicant
 - (C) project address (if available, parcel and/or lot number(s))
 - (D) total landscape area (square feet)
 - (E) project type (e.g., new, rehabilitated, public, private, cemetery, homeowner-installed)
 - (F) water supply type (e.g., potable, recycled, well) and identify the local retail water purveyor if the applicant is not served by a private well
 - (G) checklist of all documents in Landscape Documentation Package
 - (H) project contacts to include contact information for the project applicant and property owner
 - (I) applicant signature and date with statement, "I agree to comply with the requirements of the water efficient landscape ordinance and submit a complete Landscape Documentation Package".

(2) Water Efficient Landscape Worksheet;

- (A) hydrozone information table
- (B) water budget calculations
 1. Maximum Applied Water Allowance (MAWA)
 2. Estimated Total Water Use (ETWU)
- (3) soil management report;
- (4) landscape design plan;
- (5) irrigation design plan; and
- (6) grading design plan.

NOTE: Authority cited: Section 65595, Government Code. Reference: Section 65596, Government Code.

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

§ 492.4. Water Efficient Landscape Worksheet.

(a) A project applicant shall complete the Water Efficient Landscape Worksheet in Appendix B which contains information on the plant factor, irrigation method, irrigation efficiency, and area associated with each hydrozone. Calculations are then made to show that the evapotranspiration adjustment factor (ETAF) for the landscape project does not exceed a factor of 0.55 for residential areas and 0.45 for non-residential areas, exclusive of Special Landscape Areas. The ETAF for a landscape project is based on the plant factors and irrigation methods selected. The Maximum Applied Water Allowance is calculated based on the maximum ETAF allowed (0.55 for residential areas and 0.45 for non-residential areas) and expressed as annual gallons required. The Estimated Total Water Use (ETWU) is calculated based on the plants used and irrigation method selected for the landscape design. ETWU must be below the MAWA.

(1) In calculating the Maximum Applied Water Allowance and Estimated Total Water Use, a project applicant shall use the ETo values from the Reference Evapotranspiration Table in Appendix A. For geographic areas not covered in Appendix A, use data from other cities located nearby in the same reference evapotranspiration zone, as found in the CIMIS Reference Evapotranspiration Zones Map, Department of Water Resources, 1999.

(b) Water budget calculations shall adhere to the following requirements:

(1) The plant factor used shall be from WUCOLS or from horticultural researchers with academic institutions or professional associations as approved by the California Department of Water Resources (DWR). The plant factor ranges from 0 to 0.1 for very low water using plants, 0.1 to 0.3 for low water use plants, from 0.4 to 0.6 for moderate water use plants, and from 0.7 to 1.0 for high water use plants.

(2) All water features shall be included in the high water use hydrozone and temporarily irrigated areas shall be included in the low water use hydrozone.

(3) All Special Landscape Areas shall be identified and their water use calculated as shown in Appendix B.

(4) ETAF for new and existing (non-rehabilitated) Special Landscape Areas shall not exceed 1.0.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.5. Soil Management Report.

(a) In order to reduce runoff and encourage healthy plant growth, a soil management report shall be completed by the project applicant, or his/her designee, as follows:

- (1) Submit soil samples to a laboratory for analysis and recommendations.

(A) Soil sampling shall be conducted in accordance with laboratory protocol, including protocols regarding adequate sampling depth for the intended plants.

(B) The soil analysis shall include:

1. soil texture;
2. infiltration rate determined by laboratory test or soil texture infiltration rate table;
3. pH;
4. total soluble salts;
5. sodium;
6. percent organic matter; and
7. recommendations.

(C) In projects with multiple landscape installations (i.e. production home developments) a soil sampling rate of 1 in 7 lots or approximately 15% will satisfy this requirement. Large landscape projects shall sample at a rate equivalent to 1 in 7 lots.

(2) The project applicant, or his/her designee, shall comply with one of the following:

(A) If significant mass grading is not planned, the soil analysis report shall be submitted to the local agency as part of the Landscape Documentation Package; or

(B) If significant mass grading is planned, the soil analysis report shall be submitted to the local agency as part of the Certificate of Completion.

(3) The soil analysis report shall be made available, in a timely manner, to the professionals preparing the landscape design plans and irrigation design plans to make any necessary adjustments to the design plans.

(4) The project applicant, or his/her designee, shall submit documentation verifying implementation of soil analysis report recommendations to the local agency with Certificate of Completion.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of subsection (a)(1)(B), new subsection (a)(1)(C) and amendment of NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.6. Landscape Design Plan.

(a) For the efficient use of water, a landscape shall be carefully designed and planned for the intended function of the project. A landscape design plan meeting the following design criteria shall be submitted as part of the Landscape Documentation Package.

(1) Plant Material

(A) Any plant may be selected for the landscape, providing the Estimated Total Water Use in the landscape area does not exceed the Maximum Applied Water Allowance. Methods to achieve water efficiency shall include one or more of the following:

1. protection and preservation of native species and natural vegetation;
2. selection of water-conserving plant, tree and turf species, especially local native plants;
3. selection of plants based on local climate suitability, disease and pest resistance;
4. selection of trees based on applicable local tree ordinances or tree shading guidelines, and size at maturity as appropriate for the planting area; and
5. selection of plants from local and regional landscape program plant lists.
6. selection of plants from local Fuel Modification Plan Guidelines.

(B) Each hydrozone shall have plant materials with similar water use, with the exception of hydrozones with plants of mixed water use, as specified in Section 492.7(a)(2)(D).

(C) Plants shall be selected and planted appropriately based upon their adaptability to the climatic, geologic, and topographical conditions of the

project site. Methods to achieve water efficiency shall include one or more of the following:

1. use the Sunset Western Climate Zone System which takes into account temperature, humidity, elevation, terrain, latitude, and varying degrees of continental and marine influence on local climate;

2. recognize the horticultural attributes of plants (i.e., mature plant size, invasive surface roots) to minimize damage to property or infrastructure [e.g., buildings, sidewalks, power lines]; allow for adequate soil volume for healthy root growth; and

3. consider the solar orientation for plant placement to maximize summer shade and winter solar gain.

(D) Turf is not allowed on slopes greater than 25% where the toe of the slope is adjacent to an impermeable hardscape and where 25% means 1 foot of vertical elevation change for every 4 feet of horizontal length (rise divided by run x 100 = slope percent).

(E) High water use plants, characterized by a plant factor of 0.7 to 1.0, are prohibited in street medians.

(F) A landscape design plan for projects in fire-prone areas shall address fire safety and prevention. A defensible space or zone around a building or structure is required per Public Resources Code Section 4291(a) and (b). Avoid fire-prone plant materials and highly flammable mulches. Refer to the local Fuel Modification Plan guidelines.

(G) The use of invasive plant species, such as those listed by the California Invasive Plant Council, is strongly discouraged.

(H) The architectural guidelines of a common interest development, which include community apartment projects, condominiums, planned developments, and stock cooperatives, shall not prohibit or include conditions that have the effect of prohibiting the use of low-water use plants as a group.

(2) Water Features

(A) Recirculating water systems shall be used for water features.

(B) Where available, recycled water shall be used as a source for decorative water features.

(C) Surface area of a water feature shall be included in the high water use hydrozone area of the water budget calculation.

(D) Pool and spa covers are highly recommended.

(3) Soil Preparation, Mulch and Amendments

(A) Prior to the planting of any materials, compacted soils shall be transformed to a friable condition. On engineered slopes, only amended planting holes need meet this requirement.

(B) Soil amendments shall be incorporated according to recommendations of the soil report and what is appropriate for the plants selected (see Section 492.5).

(C) For landscape installations, compost at a rate of a minimum of four cubic yards per 1,000 square feet of permeable area shall be incorporated to a depth of six inches into the soil. Soils with greater than 6% organic matter in the top 6 inches of soil are exempt from adding compost and tilling.

(D) A minimum three inch (3") layer of mulch shall be applied on all exposed soil surfaces of planting areas except in turf areas, creeping or rooting groundcovers, or direct seeding applications where mulch is contraindicated. To provide habitat for beneficial insects and other wildlife, up to 5 % of the landscape area may be left without mulch. Designated insect habitat must be included in the landscape design plan as such.

(E) Stabilizing mulching products shall be used on slopes that meet current engineering standards.

(F) The mulching portion of the seed/mulch slurry in hydro-seeded applications shall meet the mulching requirement.

(G) Organic mulch materials made from recycled or post-consumer shall take precedence over inorganic materials or virgin forest products unless the recycled post-consumer organic products are not locally available. Organic mulches are not required where prohibited by local Fuel Modification Plan Guidelines or other applicable local ordinances.

(b) The landscape design plan, at a minimum, shall:

(1) delineate and label each hydrozone by number, letter, or other method;

(2) identify each hydrozone as low, moderate, high water, or mixed water use. Temporarily irrigated areas of the landscape shall be included in the low water use hydrozone for the water budget calculation;

(3) identify recreational areas;

(4) identify areas permanently and solely dedicated to edible plants;

(5) identify areas irrigated with recycled water;

(6) identify type of mulch and application depth;

(7) identify soil amendments, type, and quantity;

(8) identify type and surface area of water features;

(9) identify hardscapes (pervious and non-pervious);

(10) identify location, installation details, and 24-hour retention or infiltration capacity of any applicable stormwater best management practices that encourage on-site retention and infiltration of stormwater. Project applicants shall refer to the local agency or regional Water Quality Control Board for information on any applicable stormwater technical requirements. Stormwater best management practices are encouraged in the landscape design plan and examples are provided in Section 492.16.

(11) identify any applicable rain harvesting or catchment technologies as discussed in Section 492.16 and their 24-hour retention or infiltration capacity;

(12) identify any applicable graywater discharge piping, system components and area(s) of distribution;

(13) contain the following statement: "I have complied with the criteria of the ordinance and applied them for the efficient use of water in the landscape design plan"; and

(14) bear the signature of a licensed landscape architect, licensed landscape contractor, or any other person authorized to design a landscape. (See Sections 5500.1, 5615, 5641, 5641.1, 5641.2, 5641.3, 5641.4, 5641.5, 5641.6, 6701, 7027.5 of the Business and Professions Code, Section 832.27 of Title 16 of the California Code of Regulations, and Section 6721 of the Food and Agriculture Code.)

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; Section 1351, Civil Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.7. Irrigation Design Plan.

(a) This section applies to landscaped areas requiring permanent irrigation, not areas that require temporary irrigation solely for the plant establishment period. For the efficient use of water, an irrigation system shall meet all the requirements listed in this section and the manufacturers' recommendations. The irrigation system and its related components shall be planned and designed to allow for proper installation, management, and maintenance. An irrigation design plan meeting the following design criteria shall be submitted as part of the Landscape Documentation Package.

(1) System

(A) Landscape water meters, defined as either a dedicated water service meter or private submeter, shall be installed for all non-residential irrigated landscapes of 1,000 sq. ft. but not more than 5,000 sq. ft. (the level at which Water Code 535 applies) and residential irrigated landscapes of 5,000 sq. ft. or greater. A landscape water meter may be either:

1. a customer service meter dedicated to landscape use provided by the local water purveyor; or

2. a privately owned meter or submeter.

(B) Automatic irrigation controllers utilizing either evapotranspiration or soil moisture sensor data utilizing non-volatile memory shall be required for irrigation scheduling in all irrigation systems.

(C) If the water pressure is below or exceeds the recommended pressure of the specified irrigation devices, the installation of a pressure regul-

ating device is required to ensure that the dynamic pressure at each emission device is within the manufacturer's recommended pressure range for optimal performance.

1. If the static pressure is above or below the required dynamic pressure of the irrigation system, pressure-regulating devices such as inline pressure regulators, booster pumps, or other devices shall be installed to meet the required dynamic pressure of the irrigation system.

2. Static water pressure, dynamic or operating pressure, and flow reading of the water supply shall be measured at the point of connection. These pressure and flow measurements shall be conducted at the design stage. If the measurements are not available at the design stage, the measurements shall be conducted at installation.

(D) Sensors (rain, freeze, wind, etc.), either integral or auxiliary, that suspend or alter irrigation operation during unfavorable weather conditions shall be required on all irrigation systems, as appropriate for local climatic conditions. Irrigation should be avoided during windy or freezing weather or during rain.

(E) Manual shut-off valves (such as a gate valve, ball valve, or butterfly valve) shall be required, as close as possible to the point of connection of the water supply, to minimize water loss in case of an emergency (such as a main line break) or routine repair.

(F) Backflow prevention devices shall be required to protect the water supply from contamination by the irrigation system. A project applicant shall refer to the applicable local agency code (i.e., public health) for additional backflow prevention requirements.

(G) Flow sensors that detect high flow conditions created by system damage or malfunction are required for all on non-residential landscapes and residential landscapes of 5000 sq. ft. or larger.

(H) Master shut-off valves are required on all projects except landscapes that make use of technologies that allow for the individual control of sprinklers that are individually pressurized in a system equipped with low pressure shut down features.

(I) The irrigation system shall be designed to prevent runoff, low head drainage, overspray, or other similar conditions where irrigation water flows onto non-targeted areas, such as adjacent property, non-irrigated areas, hardscapes, roadways, or structures.

(J) Relevant information from the soil management plan, such as soil type and infiltration rate, shall be utilized when designing irrigation systems.

(K) The design of the irrigation system shall conform to the hydrozones of the landscape design plan.

(L) The irrigation system must be designed and installed to meet, at a minimum, the irrigation efficiency criteria as described in Section 492.4 regarding the Maximum Applied Water Allowance.

(M) All irrigation emission devices must meet the requirements set in the American National Standards Institute (ANSI) standard, American Society of Agricultural and Biological Engineers/International Code Council's (ASABE/ICC) 802-2014 "Landscape Irrigation Sprinkler and Emitter Standard, All sprinkler heads installed in the landscape must document a distribution uniformity low quarter of 0.65 or higher using the protocol defined in ASABE/ICC 802-2014.

(N) It is highly recommended that the project applicant or local agency inquire with the local water purveyor about peak water operating demands (on the water supply system) or water restrictions that may impact the effectiveness of the irrigation system.

(O) In mulched planting areas, the use of low volume irrigation is required to maximize water infiltration into the root zone.

(P) Sprinkler heads and other emission devices shall have matched precipitation rates, unless otherwise directed by the manufacturer's recommendations.

(Q) Head to head coverage is recommended. However, sprinkler spacing shall be designed to achieve the highest possible distribution uniformity using the manufacturer's recommendations.

(R) Swing joints or other riser-protection components are required on all risers subject to damage that are adjacent to hardscapes or in high traffic areas of turfgrass.

(S) Check valves or anti-drain valves are required on all sprinkler heads where low point drainage could occur.

(T) Areas less than ten (10) feet in width in any direction shall be irrigated with subsurface irrigation or other means that produces no runoff or overspray.

(U) Overhead irrigation shall not be permitted within 24 inches of any non-permeable surface. Allowable irrigation within the setback from non-permeable surfaces may include drip, drip line, or other low flow non-spray technology. The setback area may be planted or unplanted. The surfacing of the setback may be mulch, gravel, or other porous material. These restrictions may be modified if:

1. the landscape area is adjacent to permeable surfacing and no runoff occurs; or

2. the adjacent non-permeable surfaces are designed and constructed to drain entirely to landscaping; or

3. the irrigation designer specifies an alternative design or technology, as part of the Landscape Documentation Package and clearly demonstrates strict adherence to irrigation system design criteria in Section 492.7 (a)(1)(I). Prevention of overspray and runoff must be confirmed during the irrigation audit.

(V) Slopes greater than 25% shall not be irrigated with an irrigation system with a application rate exceeding 0.75 inches per hour. This restriction may be modified if the landscape designer specifies an alternative design or technology, as part of the Landscape Documentation Package, and clearly demonstrates no runoff or erosion will occur. Prevention of runoff and erosion must be confirmed during the irrigation audit.

(2) Hydrozone

(A) Each valve shall irrigate a hydrozone with similar site, slope, sun exposure, soil conditions, and plant materials with similar water use.

(B) Sprinkler heads and other emission devices shall be selected based on what is appropriate for the plant type within that hydrozone.

(C) Where feasible, trees shall be placed on separate valves from shrubs, groundcovers, and turf to facilitate the appropriate irrigation of trees. The mature size and extent of the root zone shall be considered when designing irrigation for the tree.

(D) Individual hydrozones that mix plants of moderate and low water use, or moderate and high water use, may be allowed if:

1. plant factor calculation is based on the proportions of the respective plant water uses and their plant factor; or

2. the plant factor of the higher water using plant is used for calculations.

(E) Individual hydrozones that mix high and low water use plants shall not be permitted.

(F) On the landscape design plan and irrigation design plan, hydrozone areas shall be designated by number, letter, or other designation. On the irrigation design plan, designate the areas irrigated by each valve, and assign a number to each valve. Use this valve number in the Hydrozone Information Table (see Appendix B Section A). This table can also assist with the irrigation audit and programming the controller.

(b) The irrigation design plan, at a minimum, shall contain:

(1) location and size of separate water meters for landscape;

(2) location, type and size of all components of the irrigation system, including controllers, main and lateral lines, valves, sprinkler heads, moisture sensing devices, rain switches, quick couplers, pressure regulators, and backflow prevention devices;

(3) static water pressure at the point of connection to the public water supply;

(4) flow rate (gallons per minute), application rate (inches per hour), and design operating pressure (pressure per square inch) for each station;

(5) recycled water irrigation systems as specified in Section 492.14;

(6) the following statement: "I have complied with the criteria of the ordinance and applied them accordingly for the efficient use of water in the irrigation design plan"; and

(7) the signature of a licensed landscape architect, certified irrigation designer, licensed landscape contractor, or any other person authorized

to design an irrigation system. (See Sections 5500.1, 5615, 5641, 5641.1, 5641.2, 5641.3, 5641.4, 5641.5, 5641.6, 6701, 7027.5 of the Business and Professions Code, Section 832.27 of Title 16 of the California Code of Regulations, and Section 6721 of the Food and Agricultural Code.)

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.8. Grading Design Plan.

(a) For the efficient use of water, grading of a project site shall be designed to minimize soil erosion, runoff, and water waste. A grading plan shall be submitted as part of the Landscape Documentation Package. A comprehensive grading plan prepared by a civil engineer for other local agency permits satisfies this requirement.

(1) The project applicant shall submit a landscape grading plan that indicates finished configurations and elevations of the landscape area including:

(A) height of graded slopes;

(B) drainage patterns;

(C) pad elevations;

(D) finish grade; and

(E) stormwater retention improvements, if applicable.

(2) To prevent excessive erosion and runoff, it is highly recommended that project applicants:

(A) grade so that all irrigation and normal rainfall remains within property lines and does not drain on to non-permeable hardscapes;

(B) avoid disruption of natural drainage patterns and undisturbed soil; and

(C) avoid soil compaction in landscape areas.

(3) The grading design plan shall contain the following statement: "I have complied with the criteria of the ordinance and applied them accordingly for the efficient use of water in the grading design plan" and shall bear the signature of a licensed professional as authorized by law.

NOTE: Authority cited: Section 65595, Government Code. Reference: Section 65596, Government Code.

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

§ 492.9. Certificate of Completion.

(a) The Certificate of Completion (see Appendix C for a sample certificate) shall include the following six (6) elements:

(1) project information sheet that contains:

(A) date;

(B) project name;

(C) project applicant name, telephone, and mailing address;

(D) project address and location; and

(E) property owner name, telephone, and mailing address;

(2) certification by either the signer of the landscape design plan, the signer of the irrigation design plan, or the licensed landscape contractor that the landscape project has been installed per the approved Landscape Documentation Package;

(A) where there have been significant changes made in the field during construction, these "as-built" or record drawings shall be included with the certification;

(B) A diagram of the irrigation plan showing hydrozones shall be kept with the irrigation controller for subsequent management purposes.

(3) irrigation scheduling parameters used to set the controller (see Section 492.10);

(4) landscape and irrigation maintenance schedule (see Section 492.11);

(5) irrigation audit report (see Section 492.12); and

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(6) soil analysis report, if not submitted with Landscape Documentation Package, and documentation verifying implementation of soil report recommendations (see Section 492.5).

(b) The project applicant shall:

(1) submit the signed Certificate of Completion to the local agency for review;

(2) ensure that copies of the approved Certificate of Completion are submitted to the local water purveyor and property owner or his or her designee.

(c) The local agency shall:

(1) receive the signed Certificate of Completion from the project applicant;

(2) approve or deny the Certificate of Completion. If the Certificate of Completion is denied, the local agency shall provide information to the project applicant regarding reapplication, appeal, or other assistance.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. New subsection (a)(2)(B) and amendment of NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.10. Irrigation Scheduling.

(a) For the efficient use of water, all irrigation schedules shall be developed, managed, and evaluated to utilize the minimum amount of water required to maintain plant health. Irrigation schedules shall meet the following criteria:

(1) Irrigation scheduling shall be regulated by automatic irrigation controllers.

(2) Overhead irrigation shall be scheduled between 8:00 p.m. and 10:00 a.m. unless weather conditions prevent it. If allowable hours of irrigation differ from the local water purveyor, the stricter of the two shall apply. Operation of the irrigation system outside the normal watering window is allowed for auditing and system maintenance.

(3) For implementation of the irrigation schedule, particular attention must be paid to irrigation run times, emission device, flow rate, and current reference evapotranspiration, so that applied water meets the Estimated Total Water Use. Total annual applied water shall be less than or equal to Maximum Applied Water Allowance (MAWA). Actual irrigation schedules shall be regulated by automatic irrigation controllers using current reference evapotranspiration data (e.g., CIMIS) or soil moisture sensor data.

(4) Parameters used to set the automatic controller shall be developed and submitted for each of the following:

(A) the plant establishment period;

(B) the established landscape; and

(C) temporarily irrigated areas.

(5) Each irrigation schedule shall consider for each station all of the following that apply:

(A) irrigation interval (days between irrigation);

(B) irrigation run times (hours or minutes per irrigation event to avoid runoff);

(C) number of cycle starts required for each irrigation event to avoid runoff;

(D) amount of applied water scheduled to be applied on a monthly basis;

(E) application rate setting;

(F) root depth setting;

(G) plant type setting;

(H) soil type;

(I) slope factor setting;

(J) shade factor setting; and

(K) irrigation uniformity or efficiency setting.

NOTE: Authority cited: Section 65595, Government Code. Reference: Section 65596, Government Code.

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

§ 492.11. Landscape and Irrigation Maintenance Schedule.

(a) Landscapes shall be maintained to ensure water use efficiency. A regular maintenance schedule shall be submitted with the Certificate of Completion.

(b) A regular maintenance schedule shall include, but not be limited to, routine inspection; auditing, adjustment and repair of the irrigation system and its components; aerating and dethatching turf areas; topdressing with compost, replenishing mulch; fertilizing; pruning; weeding in all landscape areas, and removing obstructions to emission devices. Operation of the irrigation system outside the normal watering window is allowed for auditing and system maintenance.

(c) Repair of all irrigation equipment shall be done with the originally installed components or their equivalents or with components with greater efficiency.

(d) A project applicant is encouraged to implement established landscape industry sustainable Best Practices for all landscape maintenance activities.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.12. Irrigation Audit, Irrigation Survey, and Irrigation Water Use Analysis.

(a) All landscape irrigation audits shall be conducted by a local agency landscape irrigation auditor or a third party certified landscape irrigation auditor. Landscape audits shall not be conducted by the person who designed the landscape or installed the landscape.

(b) In large projects or projects with multiple landscape installations (i.e. production home developments) an auditing rate of 1 in 7 lots or approximately 15% will satisfy this requirement.

(c) For new construction and rehabilitated landscape projects installed after December 1, 2015, as described in Section 490.1:

(1) the project applicant shall submit an irrigation audit report with the Certificate of Completion to the local agency that may include, but is not limited to: inspection, system tune-up, system test with distribution uniformity, reporting overspray or run off that causes overland flow, and preparation of an irrigation schedule, including configuring irrigation controllers with application rate, soil types, plant factors, slope, exposure and any other factors necessary for accurate programming;

(2) the local agency shall administer programs that may include, but not be limited to, irrigation water use analysis, irrigation audits, and irrigation surveys for compliance with the Maximum Applied Water Allowance.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.13. Irrigation Efficiency.

(a) For the purpose of determining Estimated Total Water Use, average irrigation efficiency is assumed to be 0.75 for overhead spray devices and 0.81 for drip system devices.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596,

Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.14. Recycled Water.

(a) The installation of recycled water irrigation systems shall allow for the current and future use of recycled water.

(b) All recycled water irrigation systems shall be designed and operated in accordance with all applicable local and State laws.

(c) Landscapes using recycled water are considered Special Landscape Areas. The ET Adjustment Factor for new and existing (non-rehabilitated) Special Landscape Areas shall not exceed 1.0.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.15. Graywater Systems.

(a) Graywater systems promote the efficient use of water and are encouraged to assist in on-site landscape irrigation. All graywater systems shall conform to the California Plumbing Code (Title 24, Part 5, Chapter 16) and any applicable local ordinance standards. Refer to § 490.1 (d) for the applicability of this ordinance to landscape areas less than 2,500 square feet with the Estimated Total Water Use met entirely by graywater.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Renumbering of former section 492.15 to 492.16, new section 492.15 and amendment of NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.16. Stormwater Management and Rainwater Retention.

(a) Stormwater management practices minimize runoff and increase infiltration which recharges groundwater and improves water quality. Implementing stormwater best management practices into the landscape and grading design plans to minimize runoff and to increase on-site rainwater retention and infiltration are encouraged.

(b) Project applicants shall refer to the local agency or Regional Water Quality Control Board for information on any applicable stormwater technical requirements.

(c) All planted landscape areas are required to have friable soil to maximize water retention and infiltration. Refer to § 492.6(a)(3).

(d) It is strongly recommended that landscape areas be designed for capture and infiltration capacity that is sufficient to prevent runoff from impervious surfaces (i.e. roof and paved areas) from either: the one inch, 24-hour rain event or (2) the 85th percentile, 24-hour rain event, and/or additional capacity as required by any applicable local, regional, state or federal regulation.

(e) It is recommended that storm water projects incorporate any of the following elements to improve on-site storm water and dry weather runoff capture and use:

- Grade impervious surfaces, such as driveways, during construction to drain to vegetated areas.

- Minimize the area of impervious surfaces such as paved areas, roof and concrete driveways.
- Incorporate pervious or porous surfaces (e.g., gravel, permeable pavers or blocks, pervious or porous concrete) that minimize runoff.
- Direct runoff from paved surfaces and roof areas into planting beds or landscaped areas to maximize site water capture and reuse.
- Incorporate rain gardens, cisterns, and other rain harvesting or catchment systems.
- Incorporate infiltration beds, swales, basins and drywells to capture storm water and dry weather runoff and increase percolation into the soil.
- Consider constructed wetlands and ponds that retain water, equalize excess flow, and filter pollutants.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Renumbering of former section 492.16 to section 492.17 and renumbering of former section 492.15 to new section 492.16, including amendment of section heading, section and NOTE, filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.17. Public Education.

(a) Publications. Education is a critical component to promote the efficient use of water in landscapes. The use of appropriate principles of design, installation, management and maintenance that save water is encouraged in the community.

(1) A local agency or water supplier/purveyor shall provide information to owners of permitted renovations and new, single-family residential homes regarding the design, installation, management, and maintenance of water efficient landscapes based on a water budget.

(b) Model Homes. All model homes that are landscaped shall use signs and written information to demonstrate the principles of water efficient landscapes described in this ordinance.

(1) Signs shall be used to identify the model as an example of a water efficient landscape featuring elements such as hydrozones, irrigation equipment, and others that contribute to the overall water efficient theme. Signage shall include information about the site water use as designed per the local ordinance; specify who designed and installed the water efficient landscape; and demonstrate low water use approaches to landscaping such as using native plants, graywater systems, and rainwater catchment systems.

(2) Information shall be provided about designing, installing, managing, and maintaining water efficient landscapes.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Renumbering of former section 492.17 to new section 492.18 and renumbering of former section 492.16 to new section 492.17, including amendment of section and NOTE, filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.18. Environmental Review.

(a) The local agency must comply with the California Environmental Quality Act (CEQA), as appropriate.

NOTE: Authority cited: Section 21082, Public Resources Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 21080 and 21082, Public Resources Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. Renumbering of former section 492.17 to new section 492.18, including amendment of NOTE, filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 493. Provisions for Existing Landscapes.

(a) A local agency may by mutual agreement, designate another agency, such as a water purveyor, to implement some or all of the requirements contained in this ordinance. Local agencies may collaborate with water purveyors to define each entity's specific responsibilities relating to this ordinance.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 7-31-92; operative 7-31-92 (Register 92, No. 32).
2. Repealer and new section and amendment of NOTE filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
3. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 493.1. Irrigation Audit, Irrigation Survey, and Irrigation Water Use Analysis.

(a) This section, 493.1, shall apply to all existing landscapes that were installed before December 1, 2015 and are over one acre in size.

(1) For all landscapes in 493.1 (a) that have a water meter, the local agency shall administer programs that may include, but not be limited to, irrigation water use analyses, irrigation surveys, and irrigation audits to evaluate water use and provide recommendations as necessary to reduce landscape water use to a level that does not exceed the Maximum Applied Water Allowance for existing landscapes. The Maximum Applied Water Allowance for existing landscapes shall be calculated as: $MAWA = (0.8) (ETo) (LA) (0.62)$.

(2) For all landscapes in 493.1(a), that do not have a meter, the local agency shall administer programs that may include, but not be limited to, irrigation surveys and irrigation audits to evaluate water use and provide recommendations as necessary in order to prevent water waste.

(b) All landscape irrigation audits shall be conducted by a certified landscape irrigation auditor.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of subsection (a) and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 493.2. Water Waste Prevention.

(a) Local agencies shall prevent water waste resulting from inefficient landscape irrigation by prohibiting runoff from leaving the target landscape due to low head drainage, overspray, or other similar conditions where water flows onto adjacent property, non-irrigated areas, walks, roadways, parking lots, or structures. Penalties for violation of these prohibitions shall be established locally.

(b) Restrictions regarding overspray and runoff may be modified if:

(1) the landscape area is adjacent to permeable surfacing and no runoff occurs; or

(2) the adjacent non-permeable surfaces are designed and constructed to drain entirely to landscaping.

NOTE: Authority cited: Section 65594, Government Code. Reference: Section 65596, Government Code.

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

§ 494. Effective Precipitation.

(a) A local agency may consider Effective Precipitation (25% of annual precipitation) in tracking water use and may use the following equation to calculate Maximum Applied Water Allowance:

$MAWA = (ETo - EPpt) (0.62) [(0.55 \times LA) + (0.45 \times SLA)]$ for residential areas.

$MAWA = (ETo - EPPT) (0.62) [(0.45 \times LA) + (0.55 \times SLA)]$ for non-residential areas.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. Repealer and new section; new NOTE and new Appendices A-C filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 495. Reporting.

(a) Local agencies shall report on implementation and enforcement by December 31, 2015. Local agencies responsible for administering individual ordinances shall report on their updated ordinance, while those agencies developing a regional ordinance shall report on their existing ordinance. Those agencies crafting a regional ordinance shall also report on their new ordinance by March 1, 2016. Subsequently, reporting for all agencies will be due by January 31st of each year. Reports shall be submitted to the Department of Water Resources.

(b) Local agencies are to address the following:

(1) State whether you are adopting a single agency ordinance or a regional agency alliance ordinance, and the date of adoption or anticipated date of adoption.

(2) Define the reporting period. The reporting period shall commence on December 1, 2015 and the end on December 28, 2015. For local agencies crafting regional ordinances with other agencies, there shall be an additional reporting period commencing on February 1, 2016 and ending on February 28, 2016. In subsequent years, all local agency reporting will be for the calendar year.

(3) State if using a locally modified Water Efficient Landscape Ordinance (WELO) or the MWELO. If using a locally modified WELO, how is it different than MWELO, is it at least as efficient as MWELO, and are there any exemptions specified?

(4) State the entity responsible for implementing the ordinance.

(5) State number and types of projects subject to the ordinance during the specified reporting period.

(6) State the total area (in square feet or acres) subject to the ordinance over the reporting period, if available.

(7) Provide the number of new housing starts, new commercial projects, and landscape retrofits during the reporting period.

(8) Describe the procedure for review of projects subject to the ordinance.

(9) Describe actions taken to verify compliance. Is a plan check performed; if so, by what entity? Is a site inspection performed; if so, by what entity? Is a post-installation audit required; if so, by whom?

(10) Describe enforcement measures.

(11) Explain challenges to implementing and enforcing the ordinance.

(12) Describe educational and other needs to properly apply the ordinance.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38). For prior history, see Register 2009, No. 37.

Appendix A. Reference Evapotranspiration (ET_o) Table

Appendix A - Reference Evapotranspiration (ET _o) Table*													
County and City	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual ET _o
ALAMEDA													
Fremont	1.5	1.9	3.4	4.7	5.4	6.3	6.7	6.0	4.5	3.4	1.8	1.5	47.0
Livermore	1.2	1.5	2.9	4.4	5.9	6.6	7.4	6.4	5.3	3.2	1.5	0.9	47.2
Oakland	1.5	1.5	2.8	3.9	5.1	5.3	6.0	5.5	4.8	3.1	1.4	0.9	41.8
Oakland Foothills	1.1	1.4	2.7	3.7	5.1	6.4	5.8	4.9	3.6	2.6	1.4	1.0	39.6
Pleasanton	0.8	1.5	2.9	4.4	5.6	6.7	7.4	6.4	4.7	3.3	1.5	1.0	46.2
Union City	1.4	1.8	3.1	4.2	5.4	5.9	6.4	5.7	4.4	3.1	1.5	1.2	44.2
ALPINE													
Markleeville	0.7	0.9	2.0	3.5	5.0	6.1	7.3	6.4	4.4	2.6	1.2	0.5	40.6
AMADOR													
Jackson	1.2	1.5	2.8	4.4	6.0	7.2	7.9	7.2	5.3	3.2	1.4	0.9	48.9
Shanandoah Valley	1.0	1.7	2.9	4.4	5.6	6.8	7.9	7.1	5.2	3.6	1.7	1.0	48.8
BUTTE													
Chico	1.2	1.8	2.9	4.7	6.1	7.4	8.5	7.3	5.4	3.7	1.7	1.0	51.7
Durham	1.1	1.8	3.2	5.0	6.5	7.4	7.8	6.9	5.3	3.6	1.7	1.0	51.1
Gridley	1.2	1.8	3.0	4.7	6.1	7.7	8.5	7.1	5.4	3.7	1.7	1.0	51.9
Oroville	1.2	1.7	2.8	4.7	6.1	7.6	8.5	7.3	5.3	3.7	1.7	1.0	51.5
CALAVERAS													
San Andreas	1.2	1.5	2.8	4.4	6.0	7.3	7.9	7.0	5.3	3.2	1.4	0.7	48.8
COLUSA													
Colusa	1.0	1.7	3.4	5.0	6.4	7.6	8.3	7.2	5.4	3.8	1.8	1.1	52.8
Williams	1.2	1.7	2.9	4.5	6.1	7.2	8.5	7.3	5.3	3.4	1.6	1.0	50.8
CONTRA COSTA													
Brentwood	1.0	1.5	2.9	4.5	6.1	7.1	7.9	6.7	5.2	3.2	1.4	0.7	48.3
Concord	1.1	1.4	2.4	4.0	5.5	5.9	7.0	6.0	4.8	3.2	1.3	0.7	43.4
Courtland	0.9	1.5	2.9	4.4	6.1	6.9	7.9	6.7	5.3	3.2	1.4	0.7	48.0
Martinez	1.2	1.4	2.4	3.9	5.3	5.6	6.7	5.6	4.7	3.1	1.2	0.7	41.8
Moraga	1.2	1.5	3.4	4.2	5.5	6.1	6.7	5.9	4.6	3.2	1.6	1.0	44.9
Pittsburg	1.0	1.5	2.8	4.1	5.6	6.4	7.4	6.4	5.0	3.2	1.3	0.7	45.4
Walnut Creek	0.8	1.5	2.9	4.4	5.6	6.7	7.4	6.4	4.7	3.3	1.5	1.0	46.2
DEL NORTE													
Crescent City	0.5	0.9	2.0	3.0	3.7	3.5	4.3	3.7	3.0	2.0	0.9	0.5	27.7
EL DORADO													
Camino	0.9	1.7	2.5	3.9	5.9	7.2	7.8	6.8	5.1	3.1	1.5	0.9	47.3
FRESNO													
Clovis	1.0	1.5	3.2	4.8	6.4	7.7	8.5	7.3	5.3	3.4	1.4	0.7	51.4
Coalinga	1.2	1.7	3.1	4.6	6.2	7.2	8.5	7.3	5.3	3.4	1.6	0.7	50.9
Firebaugh	1.0	1.8	3.7	5.7	7.3	8.1	8.2	7.2	5.5	3.9	2.0	1.1	55.4
FivePoints	1.3	2.0	4.0	6.1	7.7	8.5	8.7	8.0	6.2	4.5	2.4	1.2	60.4
Fresno	0.9	1.7	3.3	4.8	6.7	7.8	8.4	7.1	5.2	3.2	1.4	0.6	51.1
Fresno State	0.9	1.6	3.2	5.2	7.0	8.0	8.7	7.6	5.4	3.6	1.7	0.9	53.7
Friant	1.2	1.5	3.1	4.7	6.4	7.7	8.5	7.3	5.3	3.4	1.4	0.7	51.3
Kerman	0.9	1.5	3.2	4.8	6.6	7.7	8.4	7.2	5.3	3.4	1.4	0.7	51.2
Kingsburg	1.0	1.5	3.4	4.8	6.6	7.7	8.4	7.2	5.3	3.4	1.4	0.7	51.6
Mendota	1.5	2.5	4.6	6.2	7.9	8.6	8.8	7.5	5.9	4.5	2.4	1.5	61.7
Orange Cove	1.2	1.9	3.5	4.7	7.4	8.5	8.9	7.9	5.9	3.7	1.8	1.2	56.7
Panoche	1.1	2.0	4.0	5.6	7.8	8.5	8.3	7.3	5.6	3.9	1.8	1.2	57.2
Parlier	1.0	1.9	3.6	5.2	6.8	7.6	8.1	7.0	5.1	3.4	1.7	0.9	52.0

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Appendix A - Reference Evapotranspiration (ET _o) Table*													
County and City	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual ET _o
FRESNO													
Reedley	1.1	1.5	3.2	4.7	6.4	7.7	8.5	7.3	5.3	3.4	1.4	0.7	51.3
Westlands	0.9	1.7	3.8	6.3	8.0	8.6	8.6	7.8	5.9	4.3	2.1	1.1	58.8
GLENN													
Orland	1.1	1.8	3.4	5.0	6.4	7.5	7.9	6.7	5.3	3.9	1.8	1.4	52.1
Willows	1.2	1.7	2.9	4.7	6.1	7.2	8.5	7.3	5.3	3.6	1.7	1.0	51.3
HUMBOLDT													
Eureka	0.5	1.1	2.0	3.0	3.7	3.7	3.7	3.7	3.0	2.0	0.9	0.5	27.5
Ferndale	0.5	1.1	2.0	3.0	3.7	3.7	3.7	3.7	3.0	2.0	0.9	0.5	27.5
Garberville	0.6	1.2	2.2	3.1	4.5	5.0	5.5	4.9	3.8	2.4	1.0	0.7	34.9
Hoopla	0.5	1.1	2.1	3.0	4.4	5.4	6.1	5.1	3.8	2.4	0.9	0.7	35.6
IMPERIAL													
Brawley	2.8	3.8	5.9	8.0	10.4	11.5	11.7	10.0	8.4	6.2	3.5	2.1	84.2
Calipatria/Mulberry	2.4	3.2	5.1	6.8	8.6	9.2	9.2	8.6	7.0	5.2	3.1	2.3	70.7
El Centro	2.7	3.5	5.6	7.9	10.1	11.1	11.6	9.5	8.3	6.1	3.3	2.0	81.7
Holtville	2.8	3.8	5.9	7.9	10.4	11.6	12.0	10.0	8.6	6.2	3.5	2.1	84.7
Meloland	2.5	3.2	5.5	7.5	8.9	9.2	9.0	8.5	6.8	5.3	3.1	2.2	71.6
Palo Verde II	2.5	3.3	5.7	6.9	8.5	8.9	8.6	7.9	6.2	4.5	2.9	2.3	68.2
Seeley	2.7	3.5	5.9	7.7	9.7	10.1	9.3	8.3	6.9	5.5	3.4	2.2	75.4
Westmoreland	2.4	3.3	5.3	6.9	8.7	9.6	9.6	8.7	6.9	5.0	3.0	2.2	71.4
Yuma	2.5	3.4	5.3	6.9	8.7	9.6	9.6	8.7	6.9	5.0	3.0	2.2	71.6
INYO													
Bishop	1.7	2.7	4.8	6.7	8.2	10.9	7.4	9.6	7.4	4.8	2.5	1.6	68.3
Death Valley Jct	2.2	3.3	5.4	7.7	9.8	11.1	11.4	10.1	8.3	5.4	2.9	1.7	79.1
Independence	1.7	2.7	3.4	6.6	8.5	9.5	9.8	8.5	7.1	3.9	2.0	1.5	65.2
Lower Haiwee Res.	1.8	2.7	4.4	7.1	8.5	9.5	9.8	8.5	7.1	4.2	2.6	1.5	67.6
Oasis	2.7	2.8	5.9	8.0	10.4	11.7	11.6	10.0	8.4	6.2	3.4	2.1	83.1
KERN													
Arvin	1.2	1.8	3.5	4.7	6.6	7.4	8.1	7.3	5.3	3.4	1.7	1.0	51.9
Bakersfield	1.0	1.8	3.5	4.7	6.6	7.7	8.5	7.3	5.3	3.5	1.6	0.9	52.4
Bakersfield/Bonanza	1.2	2.2	3.7	5.7	7.4	8.2	8.7	7.8	5.7	4.0	2.1	1.2	57.9
Bakersfield/Greenlee	1.2	2.2	3.7	5.7	7.4	8.2	8.7	7.8	5.7	4.0	2.1	1.2	57.9
Belridge	1.4	2.2	4.1	5.5	7.7	8.5	8.6	7.8	6.0	3.8	2.0	1.5	59.2
Blackwells Corner	1.4	2.1	3.8	5.4	7.0	7.8	8.5	7.7	5.8	3.9	1.9	1.2	56.6
Buttonwillow	1.0	1.8	3.2	4.7	6.6	7.7	8.5	7.3	5.4	3.4	1.5	0.9	52.0
China Lake	2.1	3.2	5.3	7.7	9.2	10.0	11.0	9.8	7.3	4.9	2.7	1.7	74.8
Delano	0.9	1.8	3.4	4.7	6.6	7.7	8.5	7.3	5.4	3.4	1.4	0.7	52.0
Famoso	1.3	1.9	3.5	4.8	6.7	7.6	8.0	7.3	5.5	3.5	1.7	1.3	53.1
Grapevine	1.3	1.8	3.1	4.4	5.6	6.8	7.6	6.8	5.9	3.4	1.9	1.0	49.5
Inyokern	2.0	3.1	4.9	7.3	8.5	9.7	11.0	9.4	7.1	5.1	2.6	1.7	72.4
Isabella Dam	1.2	1.4	2.8	4.4	5.8	7.3	7.9	7.0	5.0	3.2	1.7	0.9	48.4
Lamont	1.3	2.4	4.4	4.6	6.5	7.0	8.8	7.6	5.7	3.7	1.6	0.8	54.4
Lost Hills	1.6	2.2	3.7	5.1	6.8	7.8	8.7	7.8	5.7	4.0	2.1	1.6	57.1
McFarland/Kern	1.2	2.1	3.7	5.6	7.3	8.0	8.3	7.4	5.6	4.1	2.0	1.2	56.5
Shafter	1.0	1.7	3.4	5.0	6.6	7.7	8.3	7.3	5.4	3.4	1.5	0.9	52.1
Taft	1.3	1.8	3.1	4.3	6.2	7.3	8.5	7.3	5.4	3.4	1.7	1.0	51.2
Tehachapi	1.4	1.8	3.2	5.0	6.1	7.7	7.9	7.3	5.9	3.4	2.1	1.2	52.9
KINGS													
Caruthers	1.6	2.5	4.0	5.7	7.8	8.7	9.3	8.4	6.3	4.4	2.4	1.6	62.7

Appendix A - Reference Evapotranspiration (ET _o) Table*													
County and City	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual ET _o
KINGS													
Corcoran	1.6	2.2	3.7	5.1	6.8	7.8	8.7	7.8	5.7	4.0	2.1	1.6	57.1
Hanford	0.9	1.5	3.4	5.0	6.6	7.7	8.3	7.2	5.4	3.4	1.4	0.7	51.5
Kettleman	1.1	2.0	4.0	6.0	7.5	8.5	9.1	8.2	6.1	4.5	2.2	1.1	60.2
Lemoore	0.9	1.5	3.4	5.0	6.6	7.7	8.3	7.3	5.4	3.4	1.4	0.7	51.7
Stratford	0.9	1.9	3.9	6.1	7.8	8.6	8.8	7.7	5.9	4.1	2.1	1.0	58.7
LAKE													
Lakeport	1.1	1.3	2.6	3.5	5.1	6.0	7.3	6.1	4.7	2.9	1.2	0.9	42.8
Lower Lake	1.2	1.4	2.7	4.5	5.3	6.3	7.4	6.4	5.0	3.1	1.3	0.9	45.4
LASSEN													
Buntingville	1.0	1.7	3.5	4.9	6.2	7.3	8.4	7.5	5.4	3.4	1.5	0.9	51.8
Ravendale	0.6	1.1	2.3	4.1	5.6	6.7	7.9	7.3	4.7	2.8	1.2	0.5	44.9
Susanville	0.7	1.0	2.2	4.1	5.6	6.5	7.8	7.0	4.6	2.8	1.2	0.5	44.0
LOS ANGELES													
Burbank	2.1	2.8	3.7	4.7	5.1	6.0	6.6	6.7	5.4	4.0	2.6	2.0	51.7
Claremont	2.0	2.3	3.4	4.6	5.0	6.0	7.0	7.0	5.3	4.0	2.7	2.1	51.3
El Dorado	1.7	2.2	3.6	4.8	5.1	5.7	5.9	5.9	4.4	3.2	2.2	1.7	46.3
Glendale	2.0	2.2	3.3	3.8	4.7	4.8	5.7	5.6	4.3	3.3	2.2	1.8	43.7
Glendora	2.0	2.5	3.6	4.9	5.4	6.1	7.3	6.8	5.7	4.2	2.6	2.0	53.1
Gorman	1.6	2.2	3.4	4.6	5.5	7.4	7.7	7.1	5.9	3.6	2.4	1.1	52.4
Hollywood Hills	2.1	2.2	3.8	5.4	6.0	6.5	6.7	6.4	5.2	3.7	2.8	2.1	52.8
Lancaster	2.1	3.0	4.6	5.9	8.5	9.7	11.0	9.8	7.3	4.6	2.8	1.7	71.1
Long Beach	1.8	2.1	3.3	3.9	4.5	4.3	5.3	4.7	3.7	2.8	1.8	1.5	39.7
Los Angeles	2.2	2.7	3.7	4.7	5.5	5.8	6.2	5.9	5.0	3.9	2.6	1.9	50.1
Monrovia	2.2	2.3	3.8	4.3	5.5	5.9	6.9	6.4	5.1	3.2	2.5	2.0	50.2
Palmdale	2.0	2.6	4.6	6.2	7.3	8.9	9.8	9.0	6.5	4.7	2.7	2.1	66.2
Pasadena	2.1	2.7	3.7	4.7	5.1	6.0	7.1	6.7	5.6	4.2	2.6	2.0	52.3
Pearblossom	1.7	2.4	3.7	4.7	7.3	7.7	9.9	7.9	6.4	4.0	2.6	1.6	59.9
Pomona	1.7	2.0	3.4	4.5	5.0	5.8	6.5	6.4	4.7	3.5	2.3	1.7	47.5
Redondo Beach	2.2	2.4	3.3	3.8	4.5	4.7	5.4	4.8	4.4	2.8	2.4	2.0	42.6
San Fernando	2.0	2.7	3.5	4.6	5.5	5.9	7.3	6.7	5.3	3.9	2.6	2.0	52.0
Santa Clarita	2.8	2.8	4.1	5.6	6.0	6.8	7.6	7.8	5.8	5.2	3.7	3.2	61.5
Santa Monica	1.8	2.1	3.3	4.5	4.7	5.0	5.4	5.4	3.9	3.4	2.4	2.2	44.2
MADERA													
Chowchilla	1.0	1.4	3.2	4.7	6.6	7.8	8.5	7.3	5.3	3.4	1.4	0.7	51.4
Madera	0.9	1.4	3.2	4.8	6.6	7.8	8.5	7.3	5.3	3.4	1.4	0.7	51.5
Raymond	1.2	1.5	3.0	4.6	6.1	7.6	8.4	7.3	5.2	3.4	1.4	0.7	50.5
MARIN													
Black Point	1.1	1.7	3.0	4.2	5.2	6.2	6.6	5.8	4.3	2.8	1.3	0.9	43.0
Novato	1.3	1.5	2.4	3.5	4.4	6.0	5.9	5.4	4.4	2.8	1.4	0.7	39.8
Point San Pedro	1.1	1.7	3.0	4.2	5.2	6.2	6.6	5.8	4.3	2.8	1.3	0.9	43.0
San Rafael	1.2	1.3	2.4	3.3	4.0	4.8	4.8	4.9	4.3	2.7	1.3	0.7	35.8
MARIPOSA													
Coulterville	1.1	1.5	2.8	4.4	5.9	7.3	8.1	7.0	5.3	3.4	1.4	0.7	48.8
Mariposa	1.1	1.5	2.8	4.4	5.9	7.4	8.2	7.1	5.0	3.4	1.4	0.7	49.0
Yosemite Village	0.7	1.0	2.3	3.7	5.1	6.5	7.1	6.1	4.4	2.9	1.1	0.6	41.4
MENDOCINO													
Fort Bragg	0.9	1.3	2.2	3.0	3.7	3.5	3.7	3.7	3.0	2.3	1.2	0.7	29.0
Hopland	1.1	1.3	2.6	3.4	5.0	5.9	6.5	5.7	4.5	2.8	1.3	0.7	40.9

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Appendix A - Reference Evapotranspiration (ET _o) Table*													
County and City	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual ET _o
MENDOCINO													
Point Arena	1.0	1.3	2.3	3.0	3.7	3.9	3.7	3.7	3.0	2.3	1.2	0.7	29.6
Sanel Valley	1.0	1.6	3.0	4.6	6.0	7.0	8.0	7.0	5.2	3.4	1.4	0.9	49.1
Ukiah	1.0	1.3	2.6	3.3	5.0	5.8	6.7	5.9	4.5	2.8	1.3	0.7	40.9
MERCED													
Kesterson	0.9	1.7	3.4	5.5	7.3	8.2	8.6	7.4	5.5	3.8	1.8	0.9	55.1
Los Banos	1.0	1.5	3.2	4.7	6.1	7.4	8.2	7.0	5.3	3.4	1.4	0.7	50.0
Merced	1.0	1.5	3.2	4.7	6.6	7.9	8.5	7.2	5.3	3.4	1.4	0.7	51.5
MODOC													
Modoc/Alturas	0.9	1.4	2.8	3.7	5.1	6.2	7.5	6.6	4.6	2.8	1.2	0.7	43.2
MONO													
Bridgeport	0.7	0.9	2.2	3.8	5.5	6.6	7.4	6.7	4.7	2.7	1.2	0.5	43.0
MONTEREY													
Arroyo Seco	1.5	2.0	3.7	5.4	6.3	7.3	7.2	6.7	5.0	3.9	2.0	1.6	52.6
Castroville	1.4	1.7	3.0	4.2	4.6	4.8	4.0	3.8	3.0	2.6	1.6	1.4	36.2
Gonzales	1.3	1.7	3.4	4.7	5.4	6.3	6.3	5.9	4.4	3.4	1.9	1.3	45.7
Greenfield	1.8	2.2	3.4	4.8	5.6	6.3	6.5	6.2	4.8	3.7	2.4	1.8	49.5
King City	1.7	2.0	3.4	4.4	4.4	5.6	6.1	6.7	6.5	5.2	2.2	1.3	49.6
King City-Oasis Rd.	1.4	1.9	3.6	5.3	6.5	7.3	7.4	6.8	5.1	4.0	2.0	1.5	52.7
Long Valley	1.5	1.9	3.2	4.1	5.8	6.5	7.3	6.7	5.3	3.6	2.0	1.2	49.1
Monterey	1.7	1.8	2.7	3.5	4.0	4.1	4.3	4.2	3.5	2.8	1.9	1.5	36.0
Pajaro	1.8	2.2	3.7	4.8	5.3	5.7	5.6	5.3	4.3	3.4	2.4	1.8	46.1
Salinas	1.6	1.9	2.7	3.8	4.8	4.7	5.0	4.5	4.0	2.9	1.9	1.3	39.1
Salinas North	1.2	1.5	2.9	4.1	4.6	5.2	4.5	4.3	3.2	2.8	1.5	1.2	36.9
San Ardo	1.0	1.7	3.1	4.5	5.9	7.2	8.1	7.1	5.1	3.1	1.5	1.0	49.0
San Juan	1.8	2.1	3.4	4.6	5.3	5.7	5.5	4.9	3.8	3.2	2.2	1.9	44.2
Soledad	1.7	2.0	3.4	4.4	5.5	5.4	6.5	6.2	5.2	3.7	2.2	1.5	47.7
NAPA													
Angwin	1.8	1.9	3.2	4.7	5.8	7.3	8.1	7.1	5.5	4.5	2.9	2.1	54.9
Carneros	0.8	1.5	3.1	4.6	5.5	6.6	6.9	6.2	4.7	3.5	1.4	1.0	45.8
Oakville	1.0	1.5	2.9	4.7	5.8	6.9	7.2	6.4	4.9	3.5	1.6	1.2	47.7
St Helena	1.2	1.5	2.8	3.9	5.1	6.1	7.0	6.2	4.8	3.1	1.4	0.9	44.1
Yountville	1.3	1.7	2.8	3.9	5.1	6.0	7.1	6.1	4.8	3.1	1.5	0.9	44.3
NEVADA													
Grass Valley	1.1	1.5	2.6	4.0	5.7	7.1	7.9	7.1	5.3	3.2	1.5	0.9	48.0
Nevada City	1.1	1.5	2.6	3.9	5.8	6.9	7.9	7.0	5.3	3.2	1.4	0.9	47.4
ORANGE													
Irvine	2.2	2.5	3.7	4.7	5.2	5.9	6.3	6.2	4.6	3.7	2.6	2.3	49.6
Laguna Beach	2.2	2.7	3.4	3.8	4.6	4.6	4.9	4.9	4.4	3.4	2.4	2.0	43.2
Santa Ana	2.2	2.7	3.7	4.5	4.6	5.4	6.2	6.1	4.7	3.7	2.5	2.0	48.2
PLACER													
Auburn	1.2	1.7	2.8	4.4	6.1	7.4	8.3	7.3	5.4	3.4	1.6	1.0	50.6
Blue Canyon	0.7	1.1	2.1	3.4	4.8	6.0	7.2	6.1	4.6	2.9	0.9	0.6	40.5
Colfax	1.1	1.5	2.6	4.0	5.8	7.1	7.9	7.0	5.3	3.2	1.4	0.9	47.9
Roseville	1.1	1.7	3.1	4.7	6.2	7.7	8.5	7.3	5.6	3.7	1.7	1.0	52.2
Soda Springs	0.7	0.7	1.8	3.0	4.3	5.3	6.2	5.5	4.1	2.5	0.7	0.7	35.4
Tahoe City	0.7	0.7	1.7	3.0	4.3	5.4	6.1	5.6	4.1	2.4	0.8	0.6	35.5
Truckee	0.7	0.7	1.7	3.2	4.4	5.4	6.4	5.7	4.1	2.4	0.8	0.6	36.2

Appendix A - Reference Evapotranspiration (ET _o) Table*													
County and City	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual ET _o
PLUMAS													
Portola	0.7	0.9	1.9	3.5	4.9	5.9	7.3	5.9	4.3	2.7	0.9	0.5	39.4
Quincy	0.7	0.9	2.2	3.5	4.9	5.9	7.3	5.9	4.4	2.8	1.2	0.5	40.2
RIVERSIDE													
Beaumont	2.0	2.3	3.4	4.4	6.1	7.1	7.6	7.9	6.0	3.9	2.6	1.7	55.0
Blythe	2.4	3.3	5.3	6.9	8.7	9.6	9.6	8.7	6.9	5.0	3.0	2.2	71.4
Cathedral City	1.6	2.2	3.7	5.1	6.8	7.8	8.7	7.8	5.7	4.0	2.1	1.6	57.1
Coachella	2.9	4.4	6.2	8.4	10.5	11.9	12.3	10.1	8.9	6.2	3.8	2.4	88.1
Desert Center	2.9	4.1	6.4	8.5	11.0	12.1	12.2	11.1	9.0	6.4	3.9	2.6	90.0
Elsinore	2.1	2.8	3.9	4.4	5.9	7.1	7.6	7.0	5.8	3.9	2.6	1.9	55.0
Indio	3.1	3.6	6.5	8.3	10.5	11.0	10.8	9.7	8.3	5.9	3.7	2.7	83.9
La Quinta	2.4	2.8	5.2	6.5	8.3	8.7	8.5	7.9	6.5	4.5	2.7	2.2	66.2
Mecca	2.6	3.3	5.7	7.2	8.6	9.0	8.8	8.2	6.8	5.0	3.2	2.4	70.8
Oasis	2.9	3.3	5.3	6.1	8.5	8.9	8.7	7.9	6.9	4.8	2.9	2.3	68.4
Palm Desert	2.5	3.4	5.3	6.9	8.7	9.6	9.6	8.7	6.9	5.0	3.0	2.2	71.6
Palm Springs	2.0	2.9	4.9	7.2	8.3	8.5	11.6	8.3	7.2	5.9	2.7	1.7	71.1
Rancho California	1.8	2.2	3.4	4.8	5.6	6.3	6.5	6.2	4.8	3.7	2.4	1.8	49.5
Rancho Mirage	2.4	3.3	5.3	6.9	8.7	9.6	9.6	8.7	6.9	5.0	3.0	2.2	71.4
Ripley	2.7	3.3	5.6	7.2	8.7	8.7	8.4	7.6	6.2	4.6	2.8	2.2	67.8
Salton Sea North	2.5	3.3	5.5	7.2	8.8	9.3	9.2	8.5	6.8	5.2	3.1	2.3	71.7
Temecula East II	2.3	2.4	4.1	4.9	6.4	7.0	7.8	7.4	5.7	4.1	2.6	2.2	56.7
Thermal	2.4	3.3	5.5	7.6	9.1	9.6	9.3	8.6	7.1	5.2	3.1	2.1	72.8
Riverside UC	2.5	2.9	4.2	5.3	5.9	6.6	7.2	6.9	5.4	4.1	2.9	2.6	56.4
Winchester	2.3	2.4	4.1	4.9	6.4	6.9	7.7	7.5	6.0	3.9	2.6	2.1	56.8
SACRAMENTO													
Fair Oaks	1.0	1.6	3.4	4.1	6.5	7.5	8.1	7.1	5.2	3.4	1.5	1.0	50.5
Sacramento	1.0	1.8	3.2	4.7	6.4	7.7	8.4	7.2	5.4	3.7	1.7	0.9	51.9
Twitchell Island	1.2	1.8	3.9	5.3	7.4	8.8	9.1	7.8	5.9	3.8	1.7	1.2	57.9
SAN BENITO													
Hollister	1.5	1.8	3.1	4.3	5.5	5.7	6.4	5.9	5.0	3.5	1.7	1.1	45.1
San Benito	1.2	1.6	3.1	4.6	5.6	6.4	6.9	6.5	4.8	3.7	1.7	1.2	47.2
San Juan Valley	1.4	1.8	3.4	4.5	6.0	6.7	7.1	6.4	5.0	3.5	1.8	1.4	49.1
SAN BERNARDINO													
Baker	2.7	3.9	6.1	8.3	10.4	11.8	12.2	11.0	8.9	6.1	3.3	2.1	86.6
Barstow NE	2.2	2.9	5.3	6.9	9.0	10.1	9.9	8.9	6.8	4.8	2.7	2.1	71.7
Big Bear Lake	1.8	2.6	4.6	6.0	7.0	7.6	8.1	7.4	5.4	4.1	2.4	1.8	58.6
Chino	2.1	2.9	3.9	4.5	5.7	6.5	7.3	7.1	5.9	4.2	2.6	2.0	54.6
Crestline	1.5	1.9	3.3	4.4	5.5	6.6	7.8	7.1	5.4	3.5	2.2	1.6	50.8
Lake Arrowhead	1.8	2.6	4.6	6.0	7.0	7.6	8.1	7.4	5.4	4.1	2.4	1.8	58.6
Lucerne Valley	2.2	2.9	5.1	6.5	9.1	11.0	11.4	9.9	7.4	5.0	3.0	1.8	75.3
Needles	3.2	4.2	6.6	8.9	11.0	12.4	12.8	11.0	8.9	6.6	4.0	2.7	92.1
Newberry Springs	2.1	2.9	5.3	8.4	9.8	10.9	11.1	9.9	7.6	5.2	3.1	2.0	78.2
San Bernardino	2.0	2.7	3.8	4.6	5.7	6.9	7.9	7.4	5.9	4.2	2.6	2.0	55.6
Twentynine Palms	2.6	3.6	5.9	7.9	10.1	11.2	11.2	10.3	8.6	5.9	3.4	2.2	82.9
Victorville	2.0	2.6	4.6	6.2	7.3	8.9	9.8	9.0	6.5	4.7	2.7	2.1	66.2
SAN DIEGO													
Chula Vista	2.2	2.7	3.4	3.8	4.9	4.7	5.5	4.9	4.5	3.4	2.4	2.0	44.2
Escondido SPV	2.4	2.6	3.9	4.7	5.9	6.5	7.1	6.7	5.3	3.9	2.8	2.3	54.2
Miramar	2.3	2.5	3.7	4.1	5.1	5.4	6.1	5.8	4.5	3.3	2.4	2.1	47.1

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Appendix A - Reference Evapotranspiration (ET _o) Table*													
County and City	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual ET _o
SAN DIEGO													
Oceanside	2.2	2.7	3.4	3.7	4.9	4.6	4.6	5.1	4.1	3.3	2.4	2.0	42.9
Otay Lake	2.3	2.7	3.9	4.6	5.6	5.9	6.2	6.1	4.8	3.7	2.6	2.2	50.4
Pine Valley	1.5	2.4	3.8	5.1	6.0	7.0	7.8	7.3	6.0	4.0	2.2	1.7	54.8
Ramona	2.1	2.1	3.4	4.6	5.2	6.3	6.7	6.8	5.3	4.1	2.8	2.1	51.6
San Diego	2.1	2.4	3.4	4.6	5.1	5.3	5.7	5.6	4.3	3.6	2.4	2.0	46.5
Santee	2.1	2.7	3.7	4.5	5.5	6.1	6.6	6.2	5.4	3.8	2.6	2.0	51.1
Torrey Pines	2.2	2.3	3.4	3.9	4.0	4.1	4.6	4.7	3.8	2.8	2.0	2.0	39.8
Warner Springs	1.6	2.7	3.7	4.7	5.7	7.6	8.3	7.7	6.3	4.0	2.5	1.3	56.0
SAN FRANCISCO													
San Francisco	1.5	1.3	2.4	3.0	3.7	4.6	4.9	4.8	4.1	2.8	1.3	0.7	35.1
SAN JOAQUIN													
Farmington	1.5	1.5	2.9	4.7	6.2	7.6	8.1	6.8	5.3	3.3	1.4	0.7	50.0
Lodi West	1.0	1.6	3.3	4.3	6.3	6.9	7.3	6.4	4.5	3.0	1.4	0.8	46.7
Manteca	0.9	1.7	3.4	5.0	6.5	7.5	8.0	7.1	5.2	3.3	1.6	0.9	51.2
Stockton	0.8	1.5	2.9	4.7	6.2	7.4	8.1	6.8	5.3	3.2	1.4	0.6	49.1
Tracy	1.0	1.5	2.9	4.5	6.1	7.3	7.9	6.7	5.3	3.2	1.3	0.7	48.5
SAN LUIS OBISPO													
Arroyo Grande	2.0	2.2	3.2	3.8	4.3	4.7	4.3	4.6	3.8	3.2	2.4	1.7	40.0
Atascadero	1.2	1.5	2.8	3.9	4.5	6.0	6.7	6.2	5.0	3.2	1.7	1.0	43.7
Morro Bay	2.0	2.2	3.1	3.5	4.3	4.5	4.6	4.6	3.8	3.5	2.1	1.7	39.9
Nipomo	2.2	2.5	3.8	5.1	5.7	6.2	6.4	6.1	4.9	4.1	2.9	2.3	52.1
Paso Robles	1.6	2.0	3.2	4.3	5.5	6.3	7.3	6.7	5.1	3.7	2.1	1.4	49.0
San Luis Obispo	2.0	2.2	3.2	4.1	4.9	5.3	4.6	5.5	4.4	3.5	2.4	1.7	43.8
San Miguel	1.6	2.0	3.2	4.3	5.0	6.4	7.4	6.8	5.1	3.7	2.1	1.4	49.0
San Simeon	2.0	2.0	2.9	3.5	4.2	4.4	4.6	4.3	3.5	3.1	2.0	1.7	38.1
SAN MATEO													
Hal Moon Bay	1.5	1.7	2.4	3.0	3.9	4.3	4.3	4.2	3.5	2.8	1.3	1.0	33.7
Redwood City	1.5	1.8	2.9	3.8	5.2	5.3	6.2	5.6	4.8	3.1	1.7	1.0	42.8
Woodside	1.8	2.2	3.4	4.8	5.6	6.3	6.5	6.2	4.8	3.7	2.4	1.8	49.5
SANTA BARBARA													
Betteravia	2.1	2.6	4.0	5.2	6.0	5.9	5.8	5.4	4.1	3.3	2.7	2.1	49.1
Carpenteria	2.0	2.4	3.2	3.9	4.8	5.2	5.5	5.7	4.5	3.4	2.4	2.0	44.9
Cuyama	2.1	2.4	3.8	5.4	6.9	7.9	8.5	7.7	5.9	4.5	2.6	2.0	59.7
Goleta	2.1	2.5	3.9	5.1	5.7	5.7	5.4	5.4	4.2	3.2	2.8	2.2	48.1
Goleta Foothills	2.3	2.6	3.7	5.4	5.3	5.6	5.5	5.7	4.5	3.9	2.8	2.3	49.6
Guadalupe	2.0	2.2	3.2	3.7	4.9	4.6	4.5	4.6	4.1	3.3	2.4	1.7	41.1
Lompoc	2.0	2.2	3.2	3.7	4.8	4.6	4.9	4.8	3.9	3.2	2.4	1.7	41.1
Los Alamos	1.8	2.0	3.2	4.1	4.9	5.3	5.7	5.5	4.4	3.7	2.4	1.6	44.6
Santa Barbara	2.0	2.5	3.2	3.8	4.6	5.1	5.5	4.5	3.4	2.4	1.8	1.8	40.6
Santa Maria	1.8	2.3	3.7	5.1	5.7	5.8	5.6	5.3	4.2	3.5	2.4	1.9	47.4
Santa Ynez	1.7	2.2	3.5	5.0	5.8	6.2	6.4	6.0	4.5	3.6	2.2	1.7	48.7
Sisquoc	2.1	2.5	3.8	4.1	6.1	6.3	6.4	5.8	4.7	3.4	2.3	1.8	49.2
Solvang	2.0	2.0	3.3	4.3	5.0	5.6	6.1	5.6	4.4	3.7	2.2	1.6	45.6
SANTA CLARA													
Gilroy	1.3	1.8	3.1	4.1	5.3	5.6	6.1	5.5	4.7	3.4	1.7	1.1	43.6
Los Gatos	1.5	1.8	2.8	3.9	5.0	5.6	6.2	5.5	4.7	3.2	1.7	1.1	42.9
Morgan Hill	1.5	1.8	3.4	4.2	6.3	7.0	7.1	6.0	5.1	3.7	1.9	1.4	49.5
Palo Alto	1.5	1.8	2.8	3.8	5.2	5.3	6.2	5.6	5.0	3.2	1.7	1.0	43.0

Appendix A - Reference Evapotranspiration (ETo) Table*													
County and City	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual ETo
SANTA CLARA													
San Jose	1.5	1.8	3.1	4.1	5.5	5.8	6.5	5.9	5.2	3.3	1.8	1.0	45.3
SANTA CRUZ													
De Laveaga	1.4	1.9	3.3	4.7	4.9	5.3	5.0	4.8	3.6	3.0	1.6	1.3	40.8
Green Valley Rd	1.2	1.8	3.2	4.5	4.6	5.4	5.2	5.0	3.7	3.1	1.6	1.3	40.6
Santa Cruz	1.5	1.8	2.6	3.5	4.3	4.4	4.8	4.4	3.8	2.8	1.7	1.2	36.6
Watsonville	1.5	1.8	2.7	3.7	4.6	4.5	4.9	4.2	4.0	2.9	1.8	1.2	37.7
Webb	1.8	2.2	3.7	4.8	5.3	5.7	5.6	5.3	4.3	3.4	2.4	1.8	46.2
SHASTA													
Burney	0.7	1.0	2.1	3.5	4.9	5.9	7.4	6.4	4.4	2.9	0.9	0.6	40.9
Fall River Mills	0.6	1.0	2.1	3.7	5.0	6.1	7.8	6.7	4.6	2.8	0.9	0.5	41.8
Glenburn	0.6	1.0	2.1	3.7	5.0	6.3	7.8	6.7	4.7	2.8	0.9	0.6	42.1
McArthur	0.7	1.4	2.9	4.2	5.6	6.9	8.2	7.2	5.0	3.0	1.1	0.6	46.8
Redding	1.2	1.4	2.6	4.1	5.6	7.1	8.5	7.3	5.3	3.2	1.4	0.9	48.8
SIERRA													
Downieville	0.7	1.0	2.3	3.5	5.0	6.0	7.4	6.2	4.7	2.8	0.9	0.6	41.3
Sierraville	0.7	1.1	2.2	3.2	4.5	5.9	7.3	6.4	4.3	2.6	0.9	0.5	39.6
SISKIYOU													
Happy Camp	0.5	0.9	2.0	3.0	4.3	5.2	6.1	5.3	4.1	2.4	0.9	0.5	35.1
MacDoel	1.0	1.7	3.1	4.5	5.9	7.2	8.1	7.1	5.1	3.1	1.5	1.0	49.0
Mt Shasta	0.5	0.9	2.0	3.0	4.5	5.3	6.7	5.7	4.0	2.2	0.7	0.5	36.0
Tule lake FS	0.7	1.3	2.7	4.0	5.4	6.3	7.1	6.4	4.7	2.8	1.0	0.6	42.9
Weed	0.5	0.9	2.0	2.5	4.5	5.3	6.7	5.5	3.7	2.0	0.9	0.5	34.9
Yreka	0.6	0.9	2.1	3.0	4.9	5.8	7.3	6.5	4.3	2.5	0.9	0.5	39.2
SOLANO													
Benicia	1.3	1.4	2.7	3.8	4.9	5.0	6.4	5.5	4.4	2.9	1.2	0.7	40.3
Dixon	0.7	1.4	3.2	5.2	6.3	7.6	8.2	7.2	5.5	4.3	1.6	1.1	52.1
Fairfield	1.1	1.7	2.8	4.0	5.5	6.1	7.8	6.0	4.8	3.1	1.4	0.9	45.2
Hastings Tract	1.6	2.2	3.7	5.1	6.8	7.8	8.7	7.8	5.7	4.0	2.1	1.6	57.1
Putah Creek	1.0	1.6	3.2	4.9	6.1	7.3	7.9	7.0	5.3	3.8	1.8	1.2	51.0
Rio Vista	0.9	1.7	2.8	4.4	5.9	6.7	7.9	6.5	5.1	3.2	1.3	0.7	47.0
Suisun Valley	0.6	1.3	3.0	4.7	5.8	7.0	7.7	6.8	5.3	3.8	1.4	0.9	48.3
Winters	0.9	1.7	3.3	5.0	6.4	7.5	7.9	7.0	5.2	3.5	1.6	1.0	51.0
SONOMA													
Bennett Valley	1.1	1.7	3.2	4.1	5.5	6.5	6.6	5.7	4.5	3.1	1.5	0.9	44.4
Cloverdale	1.1	1.4	2.6	3.4	5.0	5.9	6.2	5.6	4.5	2.8	1.4	0.7	40.7
Fort Ross	1.2	1.4	2.2	3.0	3.7	4.5	4.2	4.3	3.4	2.4	1.2	0.5	31.9
Healdsburg	1.2	1.5	2.4	3.5	5.0	5.9	6.1	5.6	4.5	2.8	1.4	0.7	40.8
Lincoln	1.2	1.7	2.8	4.7	6.1	7.4	8.4	7.3	5.4	3.7	1.9	1.2	51.9
Petaluma	1.2	1.5	2.8	3.7	4.6	5.6	4.6	5.7	4.5	2.9	1.4	0.9	39.6
Santa Rosa	1.2	1.7	2.8	3.7	5.0	6.0	6.1	5.9	4.5	2.9	1.5	0.7	42.0
Valley of the Moon	1.0	1.6	3.0	4.5	5.6	6.6	7.1	6.3	4.7	3.3	1.5	1.0	46.1
Windsor	0.9	1.6	3.0	4.5	5.5	6.5	6.5	5.9	4.4	3.2	1.4	1.0	44.2
STANISLAUS													
Denair	1.0	1.9	3.6	4.7	7.0	7.9	8.0	6.1	5.3	3.4	1.5	1.0	51.4
La Grange	1.2	1.5	3.1	4.7	6.2	7.7	8.5	7.3	5.3	3.4	1.4	0.7	51.2
Modesto	0.9	1.4	3.2	4.7	6.4	7.7	8.1	6.8	5.0	3.4	1.4	0.7	49.7
Newman	1.0	1.5	3.2	4.6	6.2	7.4	8.1	6.7	5.0	3.4	1.4	0.7	49.3
Oakdale	1.2	1.5	3.2	4.7	6.2	7.7	8.1	7.1	5.1	3.4	1.4	0.7	50.3

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Appendix A - Reference Evapotranspiration (ET _o) Table*													
County and City	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual ET _o
STANISLAUS													
Patterson	1.3	2.1	4.2	5.4	7.9	8.6	8.2	6.6	5.8	4.0	1.9	1.3	57.3
Turlock	0.9	1.5	3.2	4.7	6.5	7.7	8.2	7.0	5.1	3.4	1.4	0.7	50.2
SUTTER													
Nicolaus	0.9	1.6	3.2	4.9	6.3	7.5	8.0	6.9	5.2	3.4	1.5	0.9	50.2
Yuba City	1.3	2.1	2.8	4.4	5.7	7.2	7.1	6.1	4.7	3.2	1.2	0.9	46.7
TEHAMA													
Corning	1.2	1.8	2.9	4.5	6.1	7.3	8.1	7.2	5.3	3.7	1.7	1.1	50.7
Gerber	1.0	1.8	3.5	5.0	6.6	7.9	8.7	7.4	5.8	4.1	1.8	1.1	54.7
Gerber Dryland	0.9	1.6	3.2	4.7	6.7	8.4	9.0	7.9	6.0	4.2	2.0	1.0	55.5
Red Bluff	1.2	1.8	2.9	4.4	5.9	7.4	8.5	7.3	5.4	3.5	1.7	1.0	51.1
TRINITY													
Hay Fork	0.5	1.1	2.3	3.5	4.9	5.9	7.0	6.0	4.5	2.8	0.9	0.7	40.1
Weaverville	0.6	1.1	2.2	3.3	4.9	5.9	7.3	6.0	4.4	2.7	0.9	0.7	40.0
TULARE													
Alpaugh	0.9	1.7	3.4	4.8	6.6	7.7	8.2	7.3	5.4	3.4	1.4	0.7	51.6
Badger	1.0	1.3	2.7	4.1	6.0	7.3	7.7	7.0	4.8	3.3	1.4	0.7	47.3
Delano	1.1	1.9	4.0	4.9	7.2	7.9	8.1	7.3	5.4	3.2	1.5	1.2	53.6
Dinuba	1.1	1.5	3.2	4.7	6.2	7.7	8.5	7.3	5.3	3.4	1.4	0.7	51.2
Lindcove	0.9	1.6	3.0	4.8	6.5	7.6	8.1	7.2	5.2	3.4	1.6	0.9	50.6
Porterville	1.2	1.8	3.4	4.7	6.6	7.7	8.5	7.3	5.3	3.4	1.4	0.7	52.1
Visalia	0.9	1.7	3.3	5.1	6.8	7.7	7.9	6.9	4.9	3.2	1.5	0.8	50.7
TUOLUMNE													
Groveland	1.1	1.5	2.8	4.1	5.7	7.2	7.9	6.6	5.1	3.3	1.4	0.7	47.5
Sonora	1.1	1.5	2.8	4.1	5.8	7.2	7.9	6.7	5.1	3.2	1.4	0.7	47.6
VENTURA													
Camarillo	2.2	2.5	3.7	4.3	5.0	5.2	5.9	5.4	4.2	3.0	2.5	2.1	46.1
Oxnard	2.2	2.5	3.2	3.7	4.4	4.6	5.4	4.8	4.0	3.3	2.4	2.0	42.3
Piru	2.8	2.8	4.1	5.6	6.0	6.8	7.6	7.8	5.8	5.2	3.7	3.2	61.5
Port Hueneme	2.0	2.3	3.3	4.6	4.9	4.9	4.9	5.0	3.7	3.2	2.5	2.2	43.5
Thousand Oaks	2.2	2.6	3.4	4.5	5.4	5.9	6.7	6.4	5.4	3.9	2.6	2.0	51.0
Ventura	2.2	2.6	3.2	3.8	4.6	4.7	5.5	4.9	4.1	3.4	2.5	2.0	43.5
YOLO													
Bryte	0.9	1.7	3.3	5.0	6.4	7.5	7.9	7.0	5.2	3.5	1.6	1.0	51.0
Davis	1.0	1.9	3.3	5.0	6.4	7.6	8.2	7.1	5.4	4.0	1.8	1.0	52.5
Esparto	1.0	1.7	3.4	5.5	6.9	8.1	8.5	7.5	5.8	4.2	2.0	1.2	55.8
Winters	1.7	1.7	2.9	4.4	5.8	7.1	7.9	6.7	5.3	3.3	1.6	1.0	49.4
Woodland	1.0	1.8	3.2	4.7	6.1	7.7	8.2	7.2	5.4	3.7	1.7	1.0	51.6
Zamora	1.1	1.9	3.5	5.2	6.4	7.4	7.8	7.0	5.5	4.0	1.9	1.2	52.8
YUBA													
Browns Valley	1.0	1.7	3.1	4.7	6.1	7.5	8.5	7.6	5.7	4.1	2.0	1.1	52.9
Brownsville	1.1	1.4	2.6	4.0	5.7	6.8	7.9	6.8	5.3	3.4	1.5	0.9	47.4

* The values in this table were derived from:

- 1) California Irrigation Management Information System (CIMIS);
- 2) Reference EvapoTranspiration Zones Map, UC Dept. of Land, Air & Water Resources and California Dept of Water Resources 1999; and
- 3) Reference Evapotranspiration for California, University of California, Department of Agriculture and Natural Resources (1987) Bulletin 1922;
- 4) Determining Daily Reference Evapotranspiration, Cooperative Extension UC Division of Agriculture and Natural Resources (1987), Publication Leaflet 21426

HISTORY

1. New Appendix A filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Repealer and new Appendix A filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

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Appendix B — Sample Water Efficient Landscape Worksheet.

WATER EFFICIENT LANDSCAPE WORKSHEET

This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package.

Reference Evapotranspiration (ET_o) _____

Hydrozone # /Planting Description ^a	Plant Factor (PF)	Irrigation Method ^b	Irrigation Efficiency (IE) ^c	ETAF (PF/IE)	Landscape Area (sq. ft.)	ETAF x Area	Estimated Total Water Use (ETWU) ^e
Regular Landscape Areas							
				Totals	(A)	(B)	
Special Landscape Areas							
				1			
				1			
				1			
				Totals	(C)	(D)	
ETWU Total							
Maximum Allowed Water Allowance (MAWA)^e							

^aHydrozone #/Planting Description
E.g
1.) front lawn
2.) low water use plantings
3.) medium water use planting

^bIrrigation Method
overhead spray
or drip

^cIrrigation Efficiency
0.75 for spray head
0.81 for drip

^dETWU (Annual Gallons Required) =
E_{to} x 0.62 x ETAF x Area
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year.

^eMAWA (Annual Gallons Allowed) = (E_{to}) (0.62) [(ETAF x LA) + ((1-ETAF) x SLA)]
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year. LA is the total landscape area in square feet, SLA is the total special landscape area in square feet, and ETAF is .55 for residential areas and 0.45 for non-residential areas.

ETAF Calculations

Regular Landscape Areas

Total ETAF x Area	(B)
Total Area	(A)
Average ETAF	B ÷ A

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.

All Landscape Areas

Total ETAF x Area	(B+D)
Total Area	(A+C)
Sitewide ETAF	(B+D) ÷ (A+C)

HISTORY

1. New Appendix B filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Repealer and new Appendix B filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

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Appendix C — Sample Certificate of Completion.

CERTIFICATE OF COMPLETION

This certificate is filled out by the project applicant upon completion of the landscape project.

PART 1. PROJECT INFORMATION SHEET

Date			
Project Name			
Name of Project Applicant		Telephone No.	
		Fax No.	
Title		Email Address	
Company		Street Address	
City		State	Zip Code

Project Address and Location:

Street Address		Parcel, tract or lot number, if available.	
City		Latitude/Longitude (optional)	
State	Zip Code		

Property Owner or his/her designee:

Name		Telephone No.	
		Fax No.	
Title		Email Address	
Company		Street Address	
City		State	Zip Code

Property Owner

"I/we certify that I/we have received copies of all the documents within the Landscape Documentation Package and the Certificate of Completion and that it is our responsibility to see that the project is maintained in accordance with the Landscape and Irrigation Maintenance Schedule."

Property Owner Signature

Date

Please answer the questions below:

1. Date the Landscape Documentation Package was submitted to the local agency _____
2. Date the Landscape Documentation Package was approved by the local agency _____
3. Date that a copy of the Water Efficient Landscape Worksheet (including the Water Budget Calculation) was submitted to the local water purveyor _____

PART 2. CERTIFICATION OF INSTALLATION ACCORDING TO THE LANDSCAPE DOCUMENTATION PACKAGE

"I/we certify that based upon periodic site observations, the work has been completed in accordance with the ordinance and that the landscape planting and irrigation installation conform with the criteria and specifications of the approved Landscape Documentation Package."

Signature*	Date	
Name (print)	Telephone No.	
	Fax No.	
Title	Email Address	
License No. or Certification No.		
Company	Street Address	
City	State	Zip Code

*Signer of the landscape design plan, signer of the irrigation plan, or a licensed landscape contractor.

PART 3. IRRIGATION SCHEDULING

Attach parameters for setting the irrigation schedule on controller per ordinance Section 492.10.

PART 4. SCHEDULE OF LANDSCAPE AND IRRIGATION MAINTENANCE

Attach schedule of Landscape and Irrigation Maintenance per ordinance Section 492.11.

PART 5. LANDSCAPE IRRIGATION AUDIT REPORT

Attach Landscape Irrigation Audit Report per ordinance Section 492.12.

PART 6. SOIL MANAGEMENT REPORT

Attach soil analysis report, if not previously submitted with the Landscape Documentation Package per ordinance Section 492.6.

Attach documentation verifying implementation of recommendations from soil analysis report per ordinance Section 492.6.

HISTORY

1. New Appendix C filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Repealer and new Appendix C filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

022

Appendix D — Prescriptive Compliance Option.

(a) This appendix contains prescriptive requirements which may be used as a compliance option to the Model Water Efficient Landscape Ordinance.

(b) Compliance with the following items is mandatory and must be documented on a landscape plan in order to use the prescriptive compliance option:

(1) Submit a Landscape Documentation Package which includes the following elements:

- (A) date
- (B) project applicant
- (C) project address (if available, parcel and/or lot number(s))
- (D) total landscape area (square feet), including a breakdown of turf and plant material
- (E) project type (e.g., new, rehabilitated, public, private, cemetery, homeowner-installed)
- (F) water supply type (e.g., potable, recycled, well) and identify the local retail water purveyor if the applicant is not served by a private well
- (G) contact information for the project applicant and property owner
- (H) applicant signature and date with statement, "I agree to comply with the requirements of the prescriptive compliance option to the MWELO".

(2) Incorporate compost at a rate of at least four cubic yards per 1,000 square feet to a depth of six inches into landscape area (unless contra-indicated by a soil test);

(3) Plant material shall comply with all of the following:

(A) For residential areas, install climate adapted plants that require occasional, little or no summer water (average WUCOLS plant factor 0.3) for 75% of the plant area excluding edibles and areas using recycled water; For non-residential areas, install climate adapted plants that require occasional, little or no summer water (average WUCOLS plant factor 0.3) for 100% of the plant area excluding edibles and areas using recycled water;

(B) A minimum three inch (3") layer of mulch shall be applied on all exposed soil surfaces of planting areas except in turf areas, creeping or rooting groundcovers, or direct seeding applications where mulch is contraindicated.

(4) Turf shall comply with all of the following:

(A) Turf shall not exceed 25% of the landscape area in residential areas, and there shall be no turf in non-residential areas;

(B) Turf shall not be planted on sloped areas which exceed a slope of 1 foot vertical elevation change for every 4 feet of horizontal length;

(C) Turf is prohibited in parkways less than 10 feet wide, unless the parkway is adjacent to a parking strip and used to enter and exit vehicles. Any turf in parkways must be irrigated by sub-surface irrigation or by other technology that creates no overspray or runoff.

(5) Irrigation systems shall comply with the following:

(A) Automatic irrigation controllers are required and must use evapotranspiration or soil moisture sensor data and utilize a rain sensor.

(B) Irrigation controllers shall be of a type which does not lose programming data in the event the primary power source is interrupted.

(C) Pressure regulators shall be installed on the irrigation system to ensure the dynamic pressure of the system is within the manufacturers recommended pressure range.

(D) Manual shut-off valves (such as a gate valve, ball valve, or butterfly valve) shall be installed as close as possible to the point of connection of the water supply.

(E) All irrigation emission devices must meet the requirements set in the ANSI standard, ASABE/ICC 802-2014. "Landscape Irrigation Sprinkler and Emitter Standard," All sprinkler heads installed in the landscape must document a distribution uniformity low quarter of 0.65 or higher using the protocol defined in ASABE/ICC 802-2014.

(F) Areas less than ten (10) feet in width in any direction shall be irrigated with subsurface irrigation or other means that produces no runoff or overspray.

(6) For non-residential projects with landscape areas of 1,000 sq. ft. or more, a private submeter(s) to measure landscape water use shall be installed.

(c) At the time of final inspection, the permit applicant must provide the owner of the property with a certificate of completion, certificate of installation, irrigation schedule and a schedule of landscape and irrigation maintenance.

HISTORY

1. New Appendix D filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

Chapter 2.7.1. Flood Protection Corridor Program of the Costa-Machado Water Act of 2000

§ 497.1. Scope.

(a) These regulations implement Sections 79035 through 79044, and 79044.9 in Article 2.5 of Chapter 5 of Division 26 of the Water Code, which Division is the Costa-Machado Water Act of 2000. They establish a process for funding acquisition of property rights and related activities for flood protection corridor projects undertaken by the Department of Water Resources directly or through grants to local public agencies or nonprofit organizations.

(b) The Flood Protection Corridor Program is statewide in scope. Within the geographic scope of the CALFED Bay-Delta Program, funds in the subaccount for this program shall be used for projects that, to the greatest extent possible, are consistent with the CALFED long-term plan identified in the Programmatic Record of Decision of August 28, 2000.

NOTE: Authority cited: Sections 8300, 12580 and 79044.9, Water Code; 2000 Cal. Stat. Ch. 52, Item No. 3860-101-6005; 2001 Cal. Stat. Ch. 106, Item No. 3860-001-0001, Provision 3; and 2002 Cal. Stat. Ch. 379, Item No. 3860-101-6005. Reference: Sections 79037, 79043, 79044 and 79044.9, Water Code

HISTORY

1. New chapter 2.7.1 (sections 497.1-497.12) and section filed 8-19-2003; operative 8-19-2003 pursuant to Government Code section 11343.4 (Register 2003, No. 34).

§ 497.2. Definitions.

The words used in this chapter have meanings set forth as follows:

(a) "A List" means the preferred priority list of projects described in Section 497.6.

(b) "Applicant" means an entity that is acting as the principal party making an application for funding under the provisions of the Costa-Machado Water Act of 2000.

(c) "B List" means the reserve priority list of projects described in Section 497.6.

(d) "CEQA" means the California Environmental Quality Act, Public Resources Code Sections 21000 *et seq.*

(e) "Department" means the California Department of Water Resources.

(f) "Director" means the Director of the Department of Water Resources.

(g) "FEMA" means the Federal Emergency Management Agency.

(h) "Fully funded" with respect to a grant project means funded to the full amount of the requested funds or to the funding limit, whichever is less.

(i) "Grant application form" means the Department's form entitled "Flood Protection Corridor Program Project Evaluation Criteria and Competitive Grant Application Form" dated April 9, 2003 and incorporated herein by this reference.

(j) "Local public agency" means any political subdivision of the State of California, including but not limited to any county, city, city and county, district, joint powers agency, or council of governments.

(k) "Milestone" means a time when a significant portion of a project is completed, as defined in the contract as a time for disbursement of grant funds.

(l) "Nonprofit organization" means an organization that does not operate for profit and has no official governmental status, including but not limited to clubs, societies, neighborhood organizations, advisory councils, conservation organizations and privately run local community conservation corps.

(m) "Program" means the Flood Protection Corridor Program established by Water Code Division 26, Chapter 5, Article 2.5.

(n) "Property interest" means any right in real property, including easement, fee title, and any other kind of right acquired by legally binding means.

(o) "Project" means all planning, engineering, acquisition of real property interests, construction and related activities undertaken to implement a discrete action undertaken under the program pursuant to Water Code Section 79037.

(p) "Sponsor" means an applicant who has received grant funding through the application process described in these regulations.

(q) "Subaccount" means the Flood Protection Corridor Subaccount created by Water Code Section 79035(a).

NOTE: Authority cited: Sections 8300, 12580 and 79044.9, Water Code. Reference: Sections 79035, 70937, 79038(a) and 79043, Water Code; and Sections 21000 *et seq.*, Public Resources Code.

HISTORY

1. New section filed 8-19-2003; operative 8-19-2003 pursuant to Government Code section 11343.4 (Register 2003, No. 34).

§ 497.3. Program Management Process.

The Department selects, approves, funds, and monitors projects funded by grants under the program. The process of managing the program includes these steps:

(a) The Department shall appoint and maintain a Project Evaluation Team composed of Department staff and other consulting governmental agencies. The Department may request consultation with any appropriate government agency, including but not limited to the Department of Conservation, the Department of Fish and Game, the Department of Food and Agriculture, the Office of Emergency Services, and the CALFED Bay-Delta Program.

(b) Local public agencies or nonprofit organizations qualified under Section 497.4 may apply for program grants for projects at such times as

the Department may designate. Applications for proposed projects shall be submitted in response to a solicitation issued by the Department. As long as uncommitted funds remain available to fund new projects, the Department shall solicit proposals at least once per calendar year. The time period for submitting applications shall be 90 days from the date notice is given by the Department that project proposals are being solicited. Notices shall be provided to cities, counties, flood control districts, reclamation districts, and other local government entities that manage flood plains and flood control projects. The Department will also provide notice to nonprofit organizations with interest in flood management issues, and shall send notice to all individuals and organizations that have requested notice of the opportunity to submit applications. Notices may be given by mail, electronic mail, website posting, or any other method that provides easy access and prompt availability. Projects shall meet the requirements of Section 497.5. Applications shall meet the requirements of Section 497.7.

(c) The Project Evaluation Team shall review each application and evaluate the subject project within 60 days of the close of the specified submittal period, or within 60 days of receipt of requested additional information, whichever is later.

(d) The Project Evaluation Team shall notify the Department to request the applicant to provide additional information within 30 days of the Department's request if:

(1) The project appears potentially eligible but is missing information needed to evaluate the merits of the project, or

(2) Additional information is needed to evaluate the merits of the project in comparison to others received.

(e) If the requested additional information cannot be provided in 30 days, the applicant may refile its application with the additional information at the Department's next solicitation of proposals.

(f) When a proposal that meets minimum qualifications is complete and all requested additional information has been supplied, the Project Evaluation Team shall complete the evaluation of the project including recommending its place on a priority list as described in Section 497.6.

(g) After each solicitation of proposals, Department staff, using the evaluations and recommended priorities of the Project Evaluation Team, shall recommend projects, priority, and amounts per project to be funded and submit the recommendations to the Director for approval of the priority lists. Department staff may recommend:

[The next page is 38.15.]

The background is a light blue gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance.

WATER EFFICIENT LANDSCAPE ORDINANCE

CITY COUNCIL

FEBRUARY 26, 2019

BACKGROUND

- September 2006 –California Adopts “Water Conservation in Landscaping Act of 2006 (AB 1881)”
 - Government Code Article 10.8 [65581-65599]
- Department of Water Resources (DWR) creates first Model Water Efficient Landscape Ordinance (WELO)
- 2015 – Executive Ordinance B-29-15 requires DWR to update WELO

BACKGROUND

- February 6, 2019 – Planning Commission recommended approval

WATER CONSERVATION IN LANDSCAPING ACT OF 2006

City's must comply with DWR Model WELO

OR

City's must draft their own comparable Ordinance



BACKGROUND

- Antioch has required compliance with DWR Model WELO for major projects
- Not in the Municipal Code
 - More difficult to enforce
- Goal: Improved compliance with State Law

WELO REQUIREMENTS - APPLICABILITY

Applies to:

- New Construction Projects with 500+ square feet of landscape area,
 - New tract housing – 1 in 7 houses to submit

WELO REQUIREMENTS - APPLICABILITY

Applies to:

- Rehabilitated Landscape Projects with 2,500+ square feet of landscape area.
 - Major shopping centers
 - City parks

WELO REQUIREMENTS - APPLICABILITY

DOES NOT Apply to:

- Existing Single-Family Homes
- Cemeteries
- Projects that don't change landscaping

WELO REQUIREMENTS - SUBMITTAL

Submittal Requirements:

Landscape Documentation Package – *required at Building Permit*

1. Water Efficient Landscape Worksheet
2. Soil Management Report
3. Landscape Design Plan
4. Irrigation Design Plan
5. Grading Design Plan
6. Irrigation Schedule

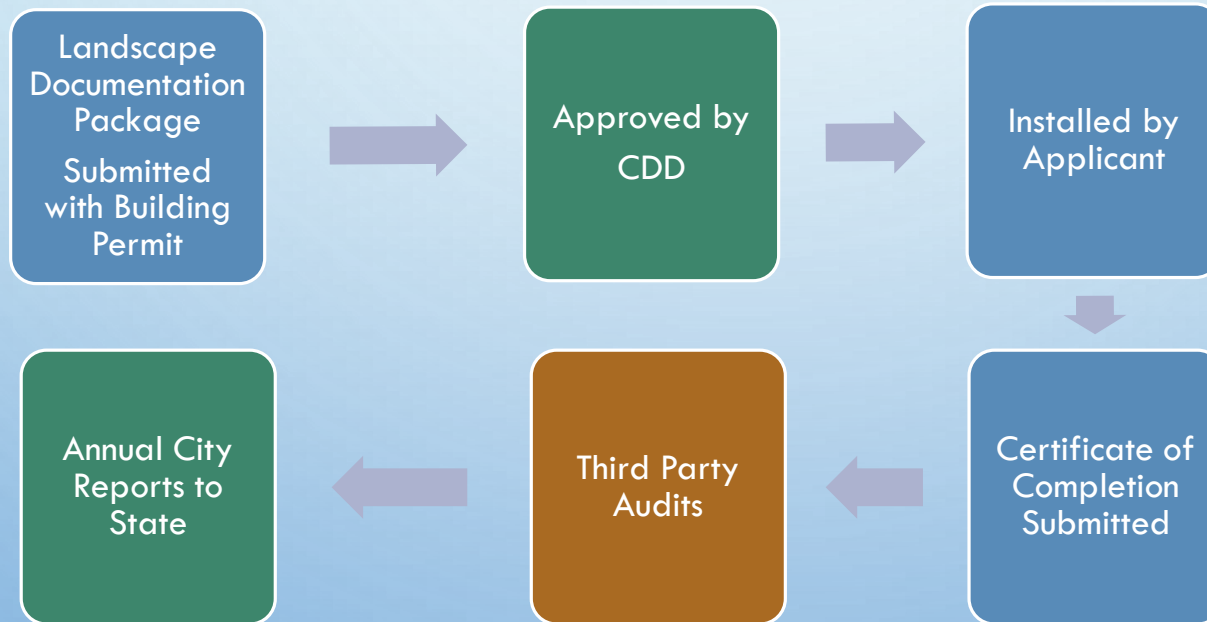


WELO REQUIREMENTS

Interesting Rules

- Separate Landscape Water Meters required for 1,000+ sf (non-res) and 5,000+ sf (res)
- Sprinklers not allowed:
 - For areas less than 10' wide,
 - Within 24" of pavement
- Public Education Required:
 - Information to homeowners and new builders
 - Mode Homes require signs describing water efficient landscapes
- Turf prohibited on:
 - Slopes greater than 25%
 - Medians less than 10' wide
 - Non-residential projects
 - More than 25% of the landscape area

WELO REQUIREMENTS - PROCESS



NEXT STEPS

- **New Forms and Educational Material**
- **Revise Building Permit Process**
- **Create Retention Process**
- **Enforcement**

QUESTIONS?







STAFF REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of February 26, 2019

TO: Honorable Mayor and Members of the City Council

SUBMITTED BY: Alexis Morris, Planning Manager 

APPROVED BY: Forrest Ebbs, Community Development Director 

SUBJECT: Repeal and Replace Nonconforming Uses and Structures Ordinance (Z-18-10)

RECOMMENDED ACTION

It is recommended that the City Council introduce the ordinance to repeal and replace Title 9, Chapter 5, Article 30 of the City of Antioch Zoning Ordinance.

STRATEGIC PURPOSE

This action will forward Long Term Goal G: Planning, Entitlements, and Permitting, by providing consistent and efficient entitlement, permitting, and development services to the public.

FISCAL IMPACT

This action will have no impact on the City budget.

DISCUSSION

Nonconforming uses and structures are generally land uses and buildings that were lawful before amendments or updates to the zoning code, but which would be prohibited or regulated differently under the current zoning code. Uses or structures that were illegal or unpermitted at the time they were established are not considered nonconforming. It is the policy of the city to discourage the long-term continuance or expansion of nonconforming uses and structures and to establish processes for their eventual elimination.

The City of Antioch's current ordinance regulating the enlargement, re-establishment and alteration of nonconforming uses and structures was adopted in 1994 ("Attachment C"). The ordinance permits the use and maintenance of nonconforming structures, but is intended to regulate their being moved, altered, or enlarged in a manner that would increase the discrepancy between existing conditions and zoning standards. The ordinance also prohibits the replacement of nonconforming structures that are destroyed or damaged more than 50% of their replacement value.

Over the past several years it has become apparent that the restrictions on replacing damaged or destroyed nonconforming structures has become problematic for owners of older single family homes in commercial areas. Many banks have used the prohibition

on rebuilding destroyed nonconforming homes to justify denying loans for refinancing a home or for new purchases. In some cases, this has led to homeowners being unable to sell their homes to a residential buyer. Furthermore, these homes are often not desirable for a commercial buyer because the conversion of a residential home is cost prohibitive compared to occupying a vacant commercial space.

While the city would like to discourage the long term continuance of nonconforming uses, the goal is not to create blight due to the abandonment of nonconforming buildings. Therefore, staff has prepared a new ordinance ("Attachment A") to address the issues discussed above, as well as to make other improvements to the regulations. The proposed ordinance includes: more clearly defining nonconforming uses and structures; creating policies specifically for nonconforming parcels and lots; providing more flexibility for expanding or replacing nonconforming single family homes; and, including exemptions for historic structures. The proposed ordinance also includes policies for properties that are nonconforming upon annexation to the city, which the previous ordinance did not address.

The proposed ordinance will still prohibit the replacement of destroyed nonconforming commercial structures and encourage the discontinuance of nonconforming uses over time. However, it provides more flexibility for nonconforming single family homes by allowing them to be replaced if they are destroyed, provided they do not expand the original home or add additional units (Section 9-5.3006(B) of the proposed ordinance). Staff believes that this provision should address lenders' concerns regarding the risks related to loans for nonconforming homes. Staff believes that these homes would be replaced by conforming uses and structures over time as the land becomes more valuable for commercial uses than residential uses.

On February 6, 2019, the Planning Commission recommended that the City Council repeal Title 9, Chapter 5, Article 30 and replace with the proposed ordinance. The draft Planning Commission minutes are provided as "Attachment B". The Planning Commission proposed changes to Sections 9-5.3004(B)(1) and 9-5.3006(B)(1)(d) of the proposed ordinance to extend the time period a property owner has to rebuild a destroyed nonconforming structure from the proposed 180 days to 12 months and to allow the Director of Community Development to extend these time frames on a case-by-case basis. The Commissioners were concerned that time limits need to be long enough for property owners to resolve claims with insurance companies and to receive the funds they need to restore their properties. The recommended changes are reflected in the attached ordinance.

ENVIRONMENTAL

Pursuant to CEQA Guidelines sections 15060(c)(2) and 15061(b)(3), the proposed amendments to the Antioch Municipal Code are exempt from CEQA because it can be seen with certainty to have no possibility of a physical change to the environment or a significant impact on the environment.

ATTACHMENTS

- A. Ordinance
- B. Planning Commission Minutes of February 6, 2019 (Draft)
- C. Current Nonconforming Uses and Structures Ordinance

ATTACHMENT "A"

ORDINANCE NO.-**

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF ANTIOCH REPEALING AND REPLACING TITLE 9, CHAPTER 5, ARTICLE 30 OF THE CITY OF ANTIOCH ZONING ORDINANCE

SECTION 1. Findings. The City Council of the City of Antioch hereby finds, determines and declares as follows:

A. The City of Antioch holds the right to make and enforce all laws and regulations not in conflict with general laws, and the City holds all rights and powers established by state law.

B. On October 24, 1994, the City Council adopted Ordinance No. 897-C-S regulating nonconforming uses and structures in the City of Antioch.

C. The Planning Commission conducted a duly noticed public hearing on February 6, 2019, at which time a resolution was approved to recommend that the City Council adopt the ordinance to repeal and replace Title 9, Chapter 5, Article 30 of the City of Antioch Zoning Ordinance. The City Council held a duly noticed public hearing on February 26, 2019, at which time all interested persons were allowed to address the Council regarding adoption of this ordinance.

D. The City Council finds that the public necessity requires the proposed zoning ordinance in order to regulate nonconforming structures, uses and parcels; said amendments are not detrimental to properties within Antioch, and that the proposed zoning ordinance amendment is in conformance with the Antioch General Plan.

SECTION 2. Title 9, Chapter 5, Article 30, *NONCONFORMING USES AND STRUCTURES* is hereby repealed and replaced with the following language:

9-5.3001 Purpose.

(A) This article provides regulations for nonconforming uses, structures, and parcels that were lawful before the adoption or amendment of the zoning code, but which would be prohibited, regulated, or restricted differently under the terms of this article or future amendments.

(B) It is the intent of the city to discourage the long-term continuance of nonconformities, providing for their eventual elimination, while allowing them to continue to exist under the conditions identified in this article.

(C) Any use, structure, or physical improvement which was established or constructed in violation of the applicable zoning regulations in effect at the time of establishment or construction and which does not conform to the applicable regulations of this Title is not a nonconforming use or structure, and the use or structure is in violation of this Title.

9-5.3002 Applicability.

Nonconforming uses, structures, and parcels may be continued, transferred, or sold only in compliance with the provisions of this chapter.

(A) *Nonconforming Uses.* A use of land and/or a structure that was legally established and has been maintained prior to the adoption or amendment of this Title, but the use is no longer allowed in the applicable zoning district or the use has not been granted a permit(s) required by the applicable zoning district, or the use is not operated in conformance with applicable performance standards in the zoning code.

(B) *Nonconforming Structures.* A structure or physical improvement that was legally constructed prior to the adoption or amendment of this Title or the city's adopted design guidelines, but does not conform to the development standards in AMC 9-5.601 (Height and Area Regulations and Table).

(C) *Nonconforming Parcels/Lots.* A parcel that was legally created prior to the adoption or amendment of this zoning code, but does not comply with the current requirements for lot area, width, depth, or other applicable requirements of this zoning code.

9-5.3003 Nonconforming Uses and Nonconforming Structures.

A nonconforming use and/or a nonconforming use of a structure may continue to exist, including transfers of ownership; provided, that its continuation shall comply with the requirements of this section.

(A) *Nonconforming Uses.* A nonconforming use may be continued or replaced; provided, that:

(1) The use shall not be enlarged or expanded in size or capacity, or extended to occupy a greater area of land or building floor area than it legally occupied before it became nonconforming.

(2) The use shall not be intensified so that the hours of operation are extended, the number of employees are increased, the occupancy capacity is increased, the volume of traffic or noise generated by the use is increased, or a greater amount of parking is required.

(3) The use may be replaced with another nonconforming use of a similar classification or a less intensive use in compliance with subsection (A)(2) of this section.

(4) Nonconforming uses within a multi-tenant commercial or industrial center or complex may be established or replaced by another similar nonconforming use when the Director of Community Development finds:

(a) That the new nonconforming use is, as per § 9-5.38, a similar classification to or less intensive than the use previously allowed in the center or complex;

(b) That the nonconforming use will not adversely affect or be materially detrimental to adjoining properties; and

(c) That the use of the entire center or complex has not been vacant or discontinued for a period of one year or more.

(5) An existing use that is authorized by a previously approved use permit, but is not allowed by the zoning code in its current location, may continue to exist in compliance with the original permit approval and shall be deemed nonconforming.

(6) A use lawfully existing without an administrative use permit or use permit that would be required by the Title to have such a permit approval in compliance with § 9-5.38 shall be allowed to operate to the extent that it previously operated (e.g., maintains the same site area boundaries, hours of operation, etc.) and shall be deemed nonconforming.

(B) Nonconforming Structures. A nonconforming structure may be expanded, enlarged, repaired and maintained as follows:

(1) *Expansion and Enlargement.* Nonconforming structures may be enlarged or extended to occupy a greater area of land or building floor area; provided, that any expansion or enlargement complies with all applicable requirements of this zoning code and does not increase the degree of nonconformity.

(2) *Repair, Maintenance and Additional Improvements.* A nonconforming single-family dwelling or duplex may be maintained and repaired at the discretion of the owner. Nonconforming multifamily and nonresidential structures may be maintained, repaired and improved as follows:

(a) Repairs, Maintenance and Additional Improvements up to 50 Percent of the Value of the Structure.

i. No structural alterations are allowed except as set forth in subsection (B)(3) of this section.

ii. The cost of the work done during any 12-month period shall not exceed 50 percent of the value of the structure as determined by the building official in compliance with the applicable building code.

(b) *Repairs, Maintenance and Additional Improvements Greater Than 50 Percent of the Value of the Structure.* Repairs, maintenance and additional improvements performed within a 12-month period, having a total cost greater than 50 percent of the value of the structure, may be authorized through administrative use permit approval; provided, that the review authority finds that the work will be a benefit to the city and the surrounding area.

(3) *Seismic Retrofitting, Building and Fire Code Compliance.* Repairs, alterations or reconstruction to reinforce unreinforced masonry structures necessary to comply with building code and fire code requirements shall be allowed; provided, that the work is exclusively to comply with applicable earthquake safety standards and the building code and fire code.

(4) For purposes of this subsection, the cost of any required foundation work shall not be counted within the 50 percent limitation.

9-5.3004 Loss of Nonconforming Status.

The nonconforming status of a use, structure or physical improvements shall terminate under the following conditions:

(A) Discontinuance.

(1) If the nonconforming use of land, a nonconforming use of a conforming structure, a conforming use of a nonconforming structure, or use of nonconforming physical improvements is discontinued for a continuous period of 365 calendar days or more, all rights to legal nonconforming status shall terminate.

(2) The Director of Community Development shall base a determination of discontinuance on evidence including the removal of equipment, furniture, machinery, structures, or other components of the nonconformity, disconnected or discontinued utilities, or lack of business license, business receipts or records to document continued operation.

(3) Without further action by the city, any further use of the land, structure or physical improvements shall comply with all of the regulations of the applicable zoning district and all other applicable provisions of this zoning code and city-adopted design guidelines.

(B) Destruction. Except for single-family, duplex and multifamily structures as provided by § 9-5.3006 (B), nonconforming status shall terminate if a nonconforming structure, conforming structure occupied by a nonconforming use or nonconforming physical improvements are involuntarily damaged or destroyed by earthquake, explosion, fire, or other calamity, except as follows:

(1) *Less Than 50 Percent.* If the cost of repairing or replacing the damaged portion of the nonconforming structure or physical improvements is 50 percent or less of the assessed value immediately before the involuntary damage, the structure or physical improvements may be restored to the same size, and the use continued as before; provided, that permits have been obtained and the restoration work is started within 12 months of the date of the damage, and the work is continuously pursued to completion within 12 months from the date building permits were issued. The Director of Community Development may extend these time limits if presented with evidence that there are external factors, such as insurance company payouts or hazardous material contamination, that prevent a property owner from proceeding with restoration within 12 months of the date of damage, as documented to the satisfaction of the Director of Community Development with evidence furnished by the applicant.

(2) *Greater Than 50 Percent.* If the cost of repairing or replacing the damaged portion of the nonconforming structure or physical improvements is greater than 50 percent of the assessed value immediately prior to the involuntary damage, neither the structure nor the physical improvement shall be reconstructed, repaired, or restored, except in conformity with the requirements of the applicable zoning district.

9-5.3005 Nonconforming Parcels.

(A) Legal Building Site. A nonconforming parcel that does not comply with the applicable area, width, or depth requirements of the zoning code shall be considered a legal building site if it meets at least one of

the following criteria, as documented to the satisfaction of the Director of Community Development with evidence furnished by the applicant.

- (1) *Approved Subdivision.* The parcel was created by a recorded subdivision;
- (2) *Individual Parcel Legally Created By Deed.* The parcel is under one ownership and of record, and was legally created by a recorded deed before the effective date of the zoning amendment that made the parcel nonconforming;
- (3) *Variance or Lot Line Adjustment.* The parcel was approved through a variance procedure or resulted from a lot line adjustment; or
- (4) *Partial Government Acquisition.* The parcel was created in compliance with the provisions of this zoning code, but was made nonconforming when a portion was acquired by a governmental entity so that the parcel size is decreased not more than 20 percent and the yard facing a public right-of-way was decreased not more than 50 percent.

(B) *Subdivision or Lot Line Adjustment.*

- (1) No subdivision or lot line adjustment shall be approved that would increase the nonconformity of an existing parcel.
- (2) No subdivision or lot line adjustment shall be approved for a parcel that contains a nonconforming use on the parcel.

9-5.3006 Exemptions.

(A) *Historic Structures.* Nonconforming structures of historical significance may be altered or enlarged without conforming to the zoning district requirements, provided the historic structure is:

- (1) Designated by the city as an historic site or structure as listed in the general plan;
- (2) Designated as a California State Historic Landmark or a National Register Site; and
- (3) Proposed to be altered or enlarged in such a way that once completed the entire structure represents an authentic replica of the original structure.

(B) *Nonconforming Residential Structures.*

- (1) Nonconforming single-family, duplex and multifamily dwelling units that have been involuntarily damaged or destroyed by earthquake, explosion, fire, flood, wind, or other calamity, may be reconstructed or replaced with a new structure using the same development standards applied to the damaged or destroyed structure (e.g., building footprint, building height, density standards, number of dwelling units, setbacks, and square footage), provided:
 - (a) The applicant provides sufficient documentation supporting the claim that the damage or destruction occurred involuntarily;
 - (b) There is no expansion of the gross floor area or number of dwelling units;

(c) The replacement structure complies with the building code, and will not be detrimental to the public health, safety, or welfare or materially injurious to the properties or improvements in the immediate vicinity of the replacement structure; and

(d) A building permit is issued no later than 12 months after the date of destruction, and construction is diligently pursued to completion. The Director of Community Development may extend these time limits if presented with evidence that there are external factors, such as insurance company payouts or hazardous material contamination, that prevent a property owner from proceeding with restoration within 12 months of the date of damage, as documented to the satisfaction of the Director of Community Development with evidence furnished by the applicant.

(2) If the preceding requirements are not met, the replacement structure shall comply with all of the regulations of the applicable zoning district in effect on the date of application for a building permit.

(C) *Nonconforming Upon Annexation.* Nonconforming uses, structures, and/or physical improvements which lawfully exist on the date the property is annexed to the city, and which do not conform to this Title and the city's adopted design guidelines, may continue to exist and, upon annexation, shall be deemed nonconforming and subject to the provisions of this article.

(D) *Approved Uses, Structures and Physical Improvements Not Yet Established or Constructed.*

(1) A use, structure or physical improvements for which a planning or building permit was approved and issued, but not yet established or construction completed before the effective date of the ordinance codified in this article, may be completed, provided the work is diligently pursued to completion.

(2) If upon establishment or completion, a use, structure or physical improvements, referenced in subsection (D)(1) of this section, or parts thereof, are not in compliance with the zoning code, they shall be deemed to be nonconforming and shall thereafter be subject to the provisions of this article.

(3) For the purpose of this section, the provisions of Chapter 8-1 AMC (Building Code) shall govern the determination of whether the permit has been exercised in a timely manner.

9-5.3007 Nuisance Abatement and Enforcement.

(A) *Violations.* Uses, structures and physical improvements which do not comply with the applicable provisions of this zoning code when established are violations of this Title and are subject to the regulations of this Code.

(B) *Continuance of Public Nuisances Prohibited.* The provisions of this chapter do not allow, and shall not be interpreted to allow, the continuance of a use, structure or physical improvement which is deemed a public nuisance, or which is prohibited or otherwise made unlawful, in whole or in part, by this Code (including any adopted building code or fire code) or by laws enacted by the state or federal government which are applicable to the city.

(C) *Enforcement.* In the event that a nonconforming use, structure or physical improvement is found to constitute a public nuisance, appropriate action shall be taken by the city in compliance with the municipal code. Any violation of the zoning code can be deemed to be evidence of a public nuisance.

SECTION 3. CEQA.

Pursuant to CEQA Guidelines sections 15060(c)(2) and 15061(b)(3), the proposed amendments to the Antioch Municipal Code are exempt from CEQA because it can be seen with certainty to have no possibility of a physical change to the environment or a significant impact on the environment.

SECTION 4. Publication; Effective Date.

This Ordinance shall take effect and be enforced thirty (30) days from and after the date of its adoption by the City Council at a second reading and shall be posted and published in accordance with the California Government Code.

SECTION 5. Severability.

Should any provision of this Ordinance, or its application to any person or circumstance, be determined by a court of competent jurisdiction to be unlawful, unenforceable or otherwise void, that determination shall have no effect on any other provision of this Ordinance or the application of this Ordinance to any other person or circumstance and, to that end, the provisions hereof are severable.

* * * * *

I HEREBY CERTIFY that the foregoing ordinance was introduced and adopted at a regular meeting of the City Council of the City of Antioch held on the 26th day of February and passed and adopted at a regular meeting thereof, held on the ____ day of _____, 2019, by the following vote:

AYES:

NOES:

ABSENT:

Sean Wright, Mayor of the City of Antioch

ATTEST:

Arne Simonsen, CMC
City Clerk of the City of Antioch

ATTACHMENT "B"

NEW PUBLIC HEARING

2. **Z-18-10 - Revisions to the Nonconforming Uses and Structures Ordinance –**
The City of Antioch is proposing to update Title 9, Chapter 5, Article 30 of the City of Antioch Zoning Ordinance regulating the alteration, enlargement, continuation or restoration of nonconforming uses and structures. The ordinance update is categorically exempt from CEQA.

Planning Manager Morris presented the staff report dated January 11, 2019 recommending the Planning Commission approve the staff report's attached resolution recommending the City Council repeal and replace title 9, Chapter 5 of Article 30 of the Antioch Zoning Ordinance.

Following discussion, Commissioner Martin suggested changing language in 9-5.3004 Loss of Nonconforming Status (A) (1) that would allow the Zoning Administrator, Planning Commission or City Council to have the ability to waive the 365-day time period in the event of a catastrophic incident.

In response to Commissioner Martin, Planning Manager Morris explained that the replacement structures needed to comply with the building code.

In response to Commissioner Zacharatos, Planning Manager Morris stated there were many non-conforming structures particularly north of highway 4 that would be impacted mainly due to lot size and coverage. She noted the ordinance, as written, did not have an exemption process; however, in some instances property owners may be able to apply for a variance.

In response to Commissioner Soliz, Planning Manager Morris stated these provisions would allow legally established non-conforming uses to continue to operate. She explained that this ordinance only addressed existing businesses. She noted the downtown specific plan would direct new businesses on where to locate based on zoning.

Vice Chair Turnage stated that due to challenges in dealing with insurance companies, he suggested the language in 9-5.3004 Loss of Nonconforming Status (B) (1) be changed to indicate that plans for construction shall be submitted to the City within 365 days.

Vice Chair Turnage opened and closed the public hearing with no members of the public requesting to speak.

RESOLUTION NO. 2019-01

On motion by Commissioner Martin, seconded by Commissioner Soliz, the Planning Commission approved the staff report's attached resolution recommending the City Council repeal and replace title 9, Chapter 5 of Article 30 of the Antioch Zoning Ordinance. With the following changes:

- ***9-5.3004 Loss of Nonconforming Status (B) (1), (9-5.3006 (B) (1) (d), adding language that would allow the Zoning Administrator, Planning Commission or City Council to have the ability to waive the 365-day time period in the event of a catastrophic incident.***
- ***9-5.3004 Loss of Nonconforming Status (B) (1) (9-5.3006 (B) (1) (d), changing the language that plans for construction shall be submitted to the City within 365 days.***

The motion carried the following vote:

AYES:	<i>Schneiderman, Turnage, Martin, Soliz, Zacharatos</i>
NOES:	<i>None</i>
ABSTAIN:	<i>None</i>
ABSENT:	<i>Motts, Parsons</i>

- 3. Z-18-11 - Water Efficient Landscape Ordinance** – The City of Antioch is proposing to adopt an Ordinance that would adopt, by reference the Model Water Efficient Landscape Ordinance drafted and distributed by the State of California Department of Water Resources.

Director of Community Development Ebbs presented the staff report dated January 10, 2019 recommending the Planning Commission adopt a resolution recommending approval of an ordinance to amend the Antioch Municipal Code to adopt by reference, the State of California Model Water Efficient Landscape Ordinance.

In response to Commissioner Martin, Director of Community Development Ebbs explained that in the instance of sports fields, turf would stop where the field ended.

In response to Commissioner Schneiderman, Director of Community Development Ebbs commented that they had not been enforcing the requirements; however, drought tolerant landscaping required very low maintenance, so most people were incentivized to keep it because it was easier and cheaper to maintain. Additionally, he noted when the Landscape Architect approved landscaping, they vouched for what was installed.

ATTACHMENT "C"

ARTICLE 30: NONCONFORMING USES AND STRUCTURES

§ 9-5.3001 PURPOSE.

This chapter is intended to limit the number and extent of nonconforming uses by regulating their enlargement, their re-establishment after abandonment, and their alteration or restoration after destruction of the structure they occupy. While permitting the use and maintenance of nonconforming structures, this chapter is intended to regulate their being moved, altered, or enlarged in a manner that would increase the discrepancy between existing conditions and the standards prescribed in this chapter and by prohibiting their restoration after destruction.

(Ord. 897-C-S, passed 10-25-94)

§ 9-5.3002 CONTINUATION AND MAINTENANCE.

(A) A use, lawfully occupying a structure or a site on the effective date of the chapter codified in this title, or of amendments thereto, that does not conform with the use regulations for the district in which the use is located shall be deemed to be a nonconforming use and may be continued, except as otherwise provided in this chapter.

(B) A structure, lawfully occupying a site on the effective date of the chapter codified in this title, or of amendments thereto, that does not conform with the development standards for that zone shall be deemed to be a nonconforming structure and may be used and maintained, except as otherwise provided in this chapter.

(C) Ordinary maintenance and repairs may be made to any nonconforming structure provided no structural alteration is made and provided such work does not exceed 15% of the reasonable value of the structure in any one-year period. Other modifications and structural alterations may be made to non-conforming buildings provided a use permit is first secured in each case issued by the Zoning Administrator.

(D) The Council shall have the authority to cause the amortization of nonconforming structures by establishing a time schedule of amortization for each such building.

(E) A use or structure that would otherwise be defined as a non-conforming use or structure pursuant to the provisions of division (A) or (B), above respectively, shall be permitted to continue in the same manner as if it conformed to the use regulations and development standards of the district in which the use or structure is located upon approval of a use permit. Such use permit shall be subject to the following findings.

(1) Granting of the use permit and permitting the otherwise non-conforming use or structure to continue in the same manner as if it conformed to the use regulations and development standards of the district in which the use or structure is located will not significantly impact or impair the use and enjoyment of adjacent properties.

(2) Sufficient conditions have been placed on the use permit to require the property upon which the otherwise non-conforming use or structure is located to be upgraded to meet as closely as the city

determines to be feasible the use regulations and development standards of the district in which the use or structure is located.

(3) Sufficient conditions have been placed on the use permit to require the ongoing performance of the otherwise non-conforming use and/or maintenance of the otherwise non-conforming structure to continue meeting the provisions set forth in divisions (1) and (2) above.

(Ord. 897-C-S, passed 10-25-94; Am. Ord. 1064-C-S, passed 12-13-05)

§ 9-5.3003 ALTERATIONS AND ENLARGEMENTS.

(A) No structure partially occupied by a non-conforming use shall be moved, altered, or enlarged in such a way as to permit the enlargement of the space occupied by the nonconforming use.

(B) No nonconforming structure shall be altered or reconstructed so as to increase the discrepancy between existing conditions and the standards for front yards, side yards, rear yards, height of structure, distances between structures, driveways, courts, or usable open space prescribed in the regulations for the district in which the structure is located. No nonconforming structure shall be moved or enlarged unless the new location or enlargement shall conform to the standards for front yards, side yards, rear yards, height of structure, maximum allowable floor area, distances between structures, driveways, courts or usable open space prescribed in the regulations for the district in which the structure is located.

(Ord. 897-C-S, passed 10-25-94) Penalty, see § 9-5.2904

§ 9-5.3004 NONCONFORMING USES WITH PREVIOUSLY APPROVED USE PERMITS.

A nonconforming use established under a previously approved use permit which undergoes a change of ownership or tenancy may only be allowed to continue upon the approval of a supplemental use permit. The supplemental use permit shall be reviewed in the manner outlined in this chapter for use permits.

(Ord. 897-C-S, passed 10-25-94)

§ 9-5.3005 ABANDONMENT.

A nonconforming use that is discontinued or changed to a conforming use for a continuous period of 180 calendar days or more shall not be re-established, and the use of the structure or site thereafter shall be in conformity with the regulations for the district in which it is located, provided that this section shall not apply to nonconforming dwelling units. Abandonment or discontinuance shall include cessation of a use regardless of intent to resume the use.

(Ord. 897-C-S, passed 10-25-94)

§ 9-5.3006 RESTORATION OF A DAMAGED STRUCTURE.

(A) Whenever a structure that does not comply with the standards for development in that zone in which the structure is located, or the use of which does not conform with the regulations for the district in which it is located, is destroyed by fire or other calamity, to the extent of 50% of replacement value or less, the structure may be restored and the nonconforming use may be resumed, provided that restoration is started within six months and diligently pursued to completion. If damage is more than

50% of replacement value, the structure shall not be restored except in full conformity with the regulations for the district in which it is located, and the nonconforming use shall not be resumed.

(B) The extent of damage or partial destruction shall be based upon the ratio of the estimated cost of restoring the structure to its condition prior to such damage to the estimated cost of duplicating the entire structure as it existed prior thereto. Estimates for this purpose shall be made by or shall be reviewed and approved by the Chief Building Official.

(Ord. 897-C-S, passed 10-25-94)

§ 9-5.3007 NEW OCCUPANCY ON NONCONFORMING SITE.

(A) An applicant for a permit in a C, M, RT, RTC, or RTT District for occupancy of a site or structure that is nonconforming due to lack of screening of mechanical equipment, required walls or fences to screen parking, required paving for driveways, or required planting areas, shall present a schedule for elimination or substantial reduction of these nonconformities over a period not exceeding five years. The Zoning Administrator may require that priority be given to elimination of non-conformities that have significant adverse impacts on surrounding properties and shall not require a commitment to remove nonconformities that have minor impact and would be costly to eliminate due to the configuration of the site and the location of existing structures.

(B) A nonconforming building or site, may be occupied by a less intensive nonconforming use or structure without removal of development standard nonconformities if approved by a Zoning Administrator use permit.

(Ord. 897-C-S, passed 10-25-94)



STAFF REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of February 26, 2019
TO: Honorable Mayor and Members of the City Council
SUBMITTED BY: Nickie Mastay, Administrative Services Director *NM*
APPROVED BY: Ron Bernal, City Manager *RB*
SUBJECT: City Council Travel

RECOMMENDED ACTION

It is recommended that the City Council discuss and appoint two (2) Council Members for travel to Washington D.C. in the Spring 2019 to meet with the City of Antioch's government relations firm. It is further recommended that the City Council authorize the associated meeting expenses in an amount not to exceed \$2,697 per participant.

STRATEGIC PURPOSE

The recommended action supports **Long Term Goal L:** City Administration. Provide exemplary City administration.

Strategy L-1: Improve community communications and trust in City government and keep the community well informed as to the activities of the City departments.

Strategy L-3: Encourage and enhance a culture of cooperation and transparency at City Hall.

FISCAL IMPACT

The estimated cost is \$2,697 per person. The estimated cost for two City Council members is \$5,394.

DISCUSSION

The City of Antioch's government relations firm, Federal Advocates is a Washington D.C. based firm. Federal Advocates has secured over two billion for their clients in authorized, appropriated and grant-funded projects. Federal Advocates has essential knowledge about the legislative process, and more importantly, they have access to and have built relationships with staff, agency heads and key decision-makers who control the process.

In order for the City of Antioch to utilize Federal Advocates in an efficient manner, two City Council members and the City Manager should meet with Federal Advocates who will then introduce them to members of the legislature in order for our elected officials to promote projects and initiatives that would be good candidates for federal support and funding. Although the City is in communication with Federal Advocates on a regular basis,

face-to-face meetings with federal legislators is recommended by Federal Advocates to increase the Cities presence at the federal level.

In the prior year, Mayor Wright and Council Member Tiscareno met with Federal Advocates in Washington D.C. from June 19 – 21, 2018. Federal Advocates was able to secure meetings with Representative Mark DeSaulnier, Representative Jerry McNerney, Senator Kamala Harris, Senator Diane Feinstein, the Department of Homeland Security, Department of Justice, Environmental Protection Agency, Department of Transportation, and the US Army Corps of Engineers.

ATTACHMENTS

- A. Estimated cost based upon IRS Publication 1542
- B. Travel and Expense Policy – Elected and Appointed Officials

ATTACHMENT A

Federal Advocates Meeting
Washington DC
Cost Estimate

Flight	700.00
Lodging	1,255.00
Meals	342.00
Parking	100.00
Rental Car	300.00
Estimated Cost	<hr/> 2,697.00



FY 2019 Per Diem Rates for District of Columbia

Max lodging by month (excluding taxes.)

PrimaryDestination	County	2018Oct	Nov	Dec	2019Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Standard Rate	Applies for all locations without specified rates	\$94	\$94	\$94	\$94	\$94	\$94	\$94	\$94	\$94	\$94	\$94	\$94
District of Columbia	Washington DC (also the cities of Alexandria, Falls Church and Fairfax, and the counties of Arlington and Fairfax, in Virginia; and the counties of Montgomery and Prince George's in Maryland)	\$251	\$181	\$181	\$181	\$181	\$251	\$251	\$251	\$251	\$179	\$179	\$251



FY 2019 Per Diem Rates for District of Columbia

Meals & Incidentals (M&IE) Breakdown

Primary Destination	County	M&IE Total	Continental Breakfast/Breakfast	Lunch	Dinner	Incidental Expenses	First & Last Day of Travel
Standard Rate	Applies for all locations without specified rates	\$55	\$13	\$14	\$23	\$5	\$41.25
District of Columbia	Washington DC (also the cities of Alexandria, Falls Church and Fairfax, and the counties of Arlington and Fairfax, in Virginia; and the counties of Montgomery and Prince George's in Maryland)	\$76	\$18	\$19	\$34	\$5	\$57.00

**CITY OF ANTIOCH
TRAVEL AND EXPENSE POLICY
ELECTED AND APPOINTED OFFICIALS**

PURPOSE

This document establishes the expense and reimbursement policy for all Elected and Appointed (non-employee) Officials of the City of Antioch. As Elected Officials, individuals may incur expenses related to the execution of their duties and responsibilities. These expenses may include the following: personal vehicle use, communication needs (cell phones, internet, and personal phone lines, newspaper subscriptions), and conferences and meetings related to the City's interests. As to Appointed Officials on the Administrative Appeals Board, Design Review Board, Economic Development Commission, Parks and Recreation Commission, Planning Commission, Police Crime Prevention Commission and Investment Committee, there may be opportunities for individuals to attend educational seminars or meetings related to the City's interests as approved by the City Council. Therefore, this policy establishes procedures for requesting and receiving payment for expenses incurred while representing the City on official business.

ADOPTION AND IMPLEMENTATION

The Council is responsible for adopting the expense and reimbursement policy for Elected and Appointed Officials and for approving any subsequent policy revisions.

EXCEPTIONS

The City Council may approve exceptions to this policy on a case-by-case basis for special or unique circumstances.

I. PERSONAL VEHICLE USE

In recognition of the fact that Elected Officials may use their private vehicles while performing their duties, a monthly vehicle allowance will be provided, as allowed pursuant to California Government Code section 1223. In addition to expenses associated with direct use of a private vehicle, this allowance shall also cover related expenses such as bridge tolls and routine parking fees. In order to be eligible for the reimbursement allowance, Elected Officials shall annually provide proof of liability insurance to the City Clerk. The monthly cap on reimbursement of automobile expenses for personal vehicle usage shall be as follows: Mayor: \$450; Council Members: \$350; City Clerk: \$350; City Treasurer: \$350.

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II. COMMUNICATION EQUIPMENT AND SERVICES

In recognition of the fact that City Council members have a significant responsibility to stay in touch with their constituents and City management employees, reimbursement of communication equipment shall be allowed for cell phone service and equipment, internet service and equipment, local and long distance telephone and fax line service and equipment. Individual council members will be responsible for establishing their own communication service providers and all bills for such service will be paid by the individual. Expense reports shall be submitted on the City's form within 30 days of an expense being incurred. The monthly cap on reimbursement of communication equipment and services shall be as follows: Mayor \$100; Council Members \$50. Any communication service expenditures beyond that amount will be borne by the individual elected official.

III. MEMBERSHIPS

The City Council shall decide which groups to join as an entity, such as the League of California Cities or the Antioch Chamber of Commerce, through City Council action including the budget process. Individual memberships in groups by Elected or Appointed Officials shall be the personal expense of those individuals unless otherwise approved in advance by the City Council.

IV. LOCAL CITY EVENTS

Elected City Officials may be reimbursed for the cost of attending local events related to the City's business upon completion of an expense report and documentation of expenses. City funds shall not be used to purchase alcohol or reimburse Elected Officials for alcohol related costs, unless as part of a set price for the event that happens to include alcohol. If a guest accompanies an Elected Official, only the cost of the Elected Official will be reimbursed.

V. TRAVEL

In recognition of the fact that Elected Officials may need to represent the City at conferences and meetings and may incur expenses in the course of their travel, this policy establishes procedures for requesting and receiving payment for travel and travel-related expenditures. Appointed Officials must be specifically authorized by the City Council to attend educational seminars or other meetings in order to seek reimbursement.

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ELECTED AND APPOINTED OFFICIALS**

(A) PROCEDURE

The key document in the administrative process is the Travel Authorization/Warrant Request (TA/WR). Besides ensuring that travel by Elected and Appointed Officials is conducted within this policy, the TA/WR summarizes the total cost of attending conferences, meetings, and seminars and provides documentation for cash advances, vendor payments and credit card purchases. General instructions for completing and processing this form are provided in a separate document.

(B) AUTHORIZATION PROCESS

All travel by an Appointed Official shall be pre-approved by having the item placed on the City Council Consent Calendar. Overnight travel by an Elected Official, shall be pre-approved by having the item placed on the City Council Consent Calendar.

After travel, the Travel Authorization report must be finalized. Finance will review for receipts and policy compliance.

(C) METHODS OF REIMBURSEMENT

There are three ways to request and receive payment for travel and travel-related expenditures: (1) advance payment, (2) reimbursement for actual expenditures, and (3) credit card usage.

(1) Advance payments: Elected Officials may request a cash advance for meals. The advance will be within the IRS approved per diem rates for meals and incidental expenses (M&IE) for the location/area visited as listed in Publication 1542. The value of meals provided at conferences, training, or other travel programs will be deducted from the cash advance at the following rate:

Breakfast - 20% Lunch - 30% Dinner - 50%

Other items, such as conference registration, lodging, and air fare may be paid directly to the vendor in advance of travel.

Upon return from travel, all cash advances must be documented with original itemized receipts.

(2) Reimbursement: Elected and Appointed Officials shall be reimbursed for all eligible expenditures upon return from travel for items that have original receipts. A Travel Authorization/Warrant Request with original receipts will be paid by Finance within the regular accounts payable time

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ELECTED AND APPOINTED OFFICIALS**

schedule. Reimbursement claims should be submitted within 30 days from the return from travel, and no reimbursements may be made that cross over fiscal years.

(3) Credit Card Usage: Elected and Appointed Officials may use personal credit cards to pay for travel expenses. Original receipts must be included with the Travel Authorization/Warrant Request to be eligible for reimbursement.

(D) ELIGIBLE EXPENDITURES

Meals and Incidental Expenses (M & IE)

- **Meals:** City funds shall not be used to purchase alcohol or reimburse Elected or Appointed Officials for alcohol related costs. Meal costs will be reimbursed as supported by original itemized receipts.

- **Personal Meals:** All expenditures must be documented and reimbursement will not exceed the meal schedule listed above.

- **Business Meals:** To qualify as a business meal, the identity of the participants and the business purpose of the discussion must be substantiated.

- **Incidental Expenses:** Those related to City business will be reimbursed at cost as supported by original receipts (e.g., tolls and taxi cabs).

In no event shall the reimbursement for meals and incidental expenses exceed the IRS approved per diem rates for the location visited as listed in Publication 1542.

- **Lodging:** The City will pay lodging expenses for Elected or Appointed Officials during official travel requiring one or more overnight stays. The City will pay for lodging for the evening preceding or subsequent to a meeting or business event when the Elected or Appointed Official would have to travel at unreasonably early or late hours to reach his or her destination.

Elected or Appointed Officials shall make an effort to obtain lodging at or near the facility where official City business is to take place to minimize travel time and transportation costs. The City will pay only for standard single rooms for individual Elected Officials. If lodging is in connection with a conference, lodging expenses must not exceed the group rate published by the conference sponsor. If conference rates are not available, government rates must be requested. A

**CITY OF ANTIOCH
TRAVEL AND EXPENSE POLICY
ELECTED AND APPOINTED OFFICIALS**

list of hotels offering government rates in different areas of the country is available in the Finance Department. Lodging rates that are equal to or less than the government rates are presumed to be reasonable and hence reimbursable for purposes of this policy.

If a double room is requested by an Elected or Appointed Official because he or she is accompanied by a spouse or other person, the difference between the single and double room rate shall be considered the Elected or Appointed Official's personal expense.

Elected or Appointed Officials shall cancel any reservations for lodging they will not use. Any charge for an unused reservation shall be considered the Elected or Appointed Official's personal expense unless failure to cancel the reservation was due to circumstances beyond the Elected Official's control.

- **Personal Entertainment:** No reimbursement will be made for personal entertainment.

- **Guests:** If a guest accompanies an Elected or Appointed Official, only the cost of the Elected or Appointed Official will be reimbursed. All costs above a single person will be borne by the Elected or Appointed Official.

- **Discounts:** If offered early registrations should be obtained whenever possible.

- **Telephone/Internet:** The City will pay for all City-related business telephone calls or internet use by an Elected or Appointed Official while traveling on authorized City business. If approved prior to travel, the City may pay for personal internet use up to \$5.00 per day for authorized overnight business travel within California and up to \$10.00 per day for all other authorized overnight business travel.

- **Transportation:** All travel will be made by the method most cost effective for the City. Considerations such as time, distance traveled and cost of transportation should be factors in arriving at the lowest cost. Elected and Appointed Officials shall endeavor to book air travel to take advantage of discounts and nonrefundable ticket fares where practical. All flights shall be booked at coach class or equivalent level. Any additional costs incurred due to personal travel added on before or after the trip will be paid by the Elected or Appointed Official.

Elected and Appointed Officials are encouraged to use their personal vehicles as transportation to and from airports. The cost of traveling from home to the

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airport will be paid for from monthly stipend. If a personal vehicle is left at the airport for more than one day, parking will be reimbursed per day based on long term parking rates or other transportation to and from the airport, whichever is less. Parking will not be reimbursed at the short term parking rate.

The use of rental vehicles is discouraged and shall be authorized only when no other mode of transportation is available or when alternate transportation would be more expensive or impractical. Elected or Appointed Officials must understand that the City's vehicle insurance coverage does not cover the individual driver of a rental car. Therefore, the City Official shall confirm personal coverage under their personal insurance or purchase additional insurance from the rental agency at their own expense. Rental vehicles shall be driven only by Elected or Appointed Officials included on the car rental agreement. Elected or Appointed Officials shall be reimbursed for reasonable taxi fare, airport van, or other public transportation in order to travel from their destination airport to their hotel.

VI. REPORTING OF EXPENDITURES

If the City reimburses an Elected or Appointed Official for attending a "meeting" as defined under the Brown Act¹, the Official shall provide a brief written or oral report regarding the "meeting" at the next regular meeting of the Council or applicable commission, board or committee to which the Official belongs. For other educational seminars or events for which expenses were reimbursed by the City, the Official may provide a brief written or oral report at the next regularly scheduled meeting of the Council or applicable commission, board or committee to which the Official belongs.

VII. ACKNOWLEDGEMENT

After being sworn in, Elected or Appointed Officials will be required to sign a statement formally acknowledging receipt and acceptance of this policy.

¹ The Brown Act (California Government Code section 54952.2) defines a meeting as including "any congregation of majority of the members of a legislative body at the same time and place to hear, discuss, or deliberate upon any item that is within the subject matter jurisdiction of the legislative body or the local agency to which it pertains."